

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the information presented in the SCM, the following conclusions and recommendations are made:

- The station began operations in 1972 and currently maintains three double walled fiberglass gasoline USTs, one 250 gallon used-oil AST, four dispenser islands, and a station building. The site is surrounded by commercial and retail operations. Operations are anticipated to cease at the station in the future. Trabuco Creek and San Juan Creek are located approximately 90 feet east and 1,600 feet southeast of the site, respectively.
- Previous subsurface investigations indicate the site is underlain with fine-grained sediments to approximately 15 feet bgs followed by coarser-grained sediments to a maximum explored depth of approximately 35 feet bgs. Groundwater is typically encountered at approximately 14 feet bgs and appears to flow to the south at an approximate gradient of 0.007 ft/ft.
- Environmental investigations were initiated at the site in September 1988 when a gasoline release was reported. Since October 1988, eleven groundwater monitoring wells have been installed onsite and offsite; however, only nine groundwater monitoring wells are currently active. There have been 23 additional soil borings drilled at the site, 119 soil samples collected and laboratory analyzed, 320.3 cubic yards of soil containing petroleum hydrocarbons removed during excavation activities of the UST basin and product piping in 1990 and dispenser island containment upgrades in 2001, and 960 pounds of petroleum hydrocarbons destroyed during vapor extraction system operations in 1996.
- Based on site assessment activities, petroleum hydrocarbons in soil have been detected in samples that exceed the APSR for toluene, ethylbenzene, and total xylenes collected within the UST basin, north-northeast of the UST basin beneath the product piping, and beneath the southeastern dispenser islands.
- Petroleum hydrocarbon concentrations in groundwater appear to be adequately assessed in the northern, eastern, and western portions of the site. Benzene concentrations are primarily detected in MW-8 and remain onsite. MtBE concentrations have migrated to the south, downgradient, and offsite. Monitoring data from 2002 indicate that concentrations are stabilizing and decreasing. The site may be considered assessed to the south if these decreasing trends continue in CMW-9, CMW-11, and AMW-1.
- The environmental exposure route of concern appears to be for residual petroleum hydrocarbons to migrate to a water supply well. Based on current site conditions, it does not appear likely that residual petroleum hydrocarbons would migrate upgradient to any of the groundwater supply wells located north of the site.
- Based on previous investigations, the site appears to be adequately assessed. Continued quarterly groundwater monitoring is recommended for the site. Following two consecutive years of monitoring, the site should be reevaluate for case closure.

6.0 LIMITATIONS

SAIC has prepared this report for the exclusive use of Chevron in investigating the possible presence of constituents of concern that may have been associated with the historical use of petroleum-based products on the subject property, and makes no representations for its use by any other party for any other purpose. SAIC's investigation was restricted to collection and analyses of a limited number of environmental samples and visual observations obtained during the physical site visit, and from records made available by Chevron or third parties during the investigation. Because the investigation consisted of collecting and evaluating a limited supply of information, SAIC may not have identified all potential items of concern. This report is intended to be used in its entirety. Taking or using in any way excerpts from this report are not permitted. Excerpts, which are taken out-of-context, run the risk of being misinterpreted and are, therefore, not representative of the findings of this assessment. All conclusions and judgments presented in this report are based on information obtained at the time of the investigation.

In preparing this report, SAIC has relied on verbal and written information provided by Chevron or third party personnel. SAIC has made no independent investigation or verification concerning the accuracy or completeness of such information relied upon in preparing this report. SAIC cannot and does not guarantee the authenticity or reliability of the information on which conclusions and judgments in this report are based. A full and complete determination as to the presence or absence of residual contamination cannot be made under the scope of this investigation and SAIC is not making such a determination, either expressly or impliedly, in this report. In addition, conclusions and judgments may be formed based on conditions existing at the time of the investigation that are not representative of past activities conducted on the property, and/or conditions that have changed since the time of the on-site portion of the investigation. To the extent that SAIC has, in whole or in part, based any conclusions or judgments in this report on such information or conditions, the conclusions and judgments are contingent on and subject to the validity thereof.

SAIC warrants only that project activities under this contract have been performed, within the parameters and scope communicated by Chevron and reflected in the contract, with that degree of skill and judgment normally exercised by recognized professional firms performing services of a similar nature. SAIC specifically disclaims and client waives any express or implied standards, guarantees, or warranties, including but not limited to warranties of merchantability or fitness for a particular purpose, custom or usage, or otherwise as to any goods or services that are the subject of this contract.

7.0 REFERENCES

- Applied Geoscience, Inc. (AGI). 1989. *Site Assessment Investigation Report, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. February 17.
- California Department of Water Resources (CDWR). 1972. *Planned Utilization of Water Resources in the San Juan Creek Basin Area*. Bulletin 104-7, revised in 1988.
- CDWR. 2000. *Guidelines for Investigation and Cleanup of MtBE and Other Ether-Based Oxygenates*. March 27.
- CDWR. 2002. [Http://www.dwr.water.ca.gov](http://www.dwr.water.ca.gov), *San Juan Valley Groundwater Basin*. July 2002.
- Converse Environmental West (CEW). 1991. *Additional Soil Assessment and Groundwater Monitoring, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. December 12.
- CEW. 1992. *Results of Vacuum Extraction Test, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. November 30.
- CEW. 1993. *Report of Additional Subsurface Characterization, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. May 26.
- CEW. 1994. *Aquifer Test, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. February 7.
- Flour Daniel GTI. 1996. *Operation and Maintenance Report, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. June 15.
- Groundwater Technology, Inc. GTI. 1990. *Tank Pull Report, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. July 17.
- Harding ESE, Inc. (Harding ESE). 2001. *Waste Profile Review, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. October 19.
- Harding ESE. 2002a. *Soil Report for Environmental Compliance Work, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. January 21.
- Harding ESE. 2002b. *Additional Site Assessment Report, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. October-18.
- Owens-Corning Fiberglas Corporation (Owens-Corning). 1988. *Correspondence from Mr. Skibinski to Ms. Sue Meusel, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. December 2.
- QST Environmental, Inc. (QST). 1997a. *Request for Site Closure, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California*. April 25.

References

- QST. 1997b. *Response to May 12, 1997 Letter, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California.* August 4.
- QST. 1999a. *Tank Removal Report, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California.* January 15.
- QST. 1999b. *Well Abandonment Report, Chevron Service Station 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California.* February 3.
- Risk Assessment and Management Group (RAM). 2000. *Site Conceptual Model, Chevron Station No. 9-3417, 32001 Camino Capistrano, San Juan Capistrano, California.* November 16.
- San Juan Basin Authority (SJBA). 1997. *San Juan Basin Well Location Map.*
- United States Geological Survey (USGS). 1981. *San Juan Capistrano and Dana Point, California, 7.5-minute series (topographic), scale 1:24,000.*

DISTRIBUTION

Site Conceptual Model,
Site Characterization Report,
Site Assessment Report, and
First Quarter 2003 Groundwater Monitoring Report
Chevron Service Station No. 9-3417
32001 Camino Capistrano
San Juan Capistrano, California
OCHCA Project No. 89U27

March 24, 2003

- Copy 1: Mr. James Strozier
Orange County Health Care Agency
Hazardous Materials Mitigation Section
2009 East Edinger Avenue
Santa Ana, California 92705
- Copy 2: Ms. Lisa Thompson
Chevron Environmental Management Company
145 S. State College Boulevard, Suite 400
Brea, California 92822
- Copy 3: SAIC Project File



February 20, 2004

Mr. James Strozier, REHS
Orange County Health Care Agency
Hazardous Materials Mitigation Section
2009 East Edinger Avenue
Santa Ana, California 92705-4720

Subject: Submittal of 1st Quarter 2004 Groundwater Monitoring and Progress Report

Site: Chevron Service Station No. 9-3417
32001 Camino Capistrano, San Juan Capistrano, California
OCHCA Case No. 89UT27

Dear Mr. Strozier:

On behalf of Chevron Environmental Management Company (CEMC), Science Applications International Corporation (SAIC) has prepared the attached 1st Quarter 2004 Progress Report for the above-referenced site. Work conducted during this quarter included groundwater monitoring by CEMC's subcontractor, Wayne Perry, Inc (WPI). Electronic Deliverable Format (EDF) files have been uploaded to the State Water Resources Board Geotracker website.

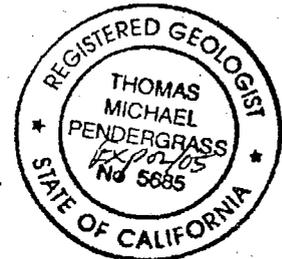
If you have any questions, please contact Mr. Mike Pendergrass, the SAIC Project Manager, at (714) 257-6403, or Ms. Lisa Thompson, the CEMC Project Manager, at (714) 671-3371.

Respectfully submitted,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

Karen Simons
Junior Project Scientist

T. Michael Pendergrass
Registered Geologist No. 5685



- Attachment 1 – 1st Quarter 2004 Progress Report
- Attachment 2 – 1st Quarter 2004 Groundwater Summary
- Attachment 3 – Tables
- Attachment 4 – Plates
- Attachment 5 – Hydrographs
- Attachment 6 – Groundwater Sampling Procedures and Field Sheets
- Attachment 7 – Laboratory Analyses and Chain of Custody Forms
- Attachment 8 – Disposal Records

cc: Ms. Lisa Thompson, CEMC
SAIC Project Files

Limitation of Use: This report is based upon records and verbal and written information made available to SAIC by CEMC and its subcontractors. Because the investigation consisted of collecting and evaluating a limited supply of information, SAIC may not have identified all potential items of concern and, therefore, SAIC warrants only that the project activities under this contract have been performed within the parameters and scope communicated by CEMC and reflected in the contract. SAIC has made no independent investigations concerning the accuracy or completeness of the information relied upon. This report is intended to be used in its entirety. Taking or using in any way excerpts from this report are not permitted and any party doing so does so at its own risk.

X:\CEMC Project files\9-3417 SAIC\QuarterlyReport2004-1stQtrProgress_9-3417.doc

Science Applications International Corporation
570 West Central Avenue, Suite A | Brea, California 92821 | www.saic.com

ATTACHMENT 1

1st QUARTER 2004 PROGRESS REPORT

1. SITE INFORMATION:

- Site Case No. 89UT27
- Site Name Chevron Service Station No. 9-3417
- Address 32001 Camino Capistrano
- City San Juan Capistrano, California

2. RESPONSIBLE PARTY INFORMATION:

- Contact Ms. Lisa Thompson
- Company Chevron Environmental Management Company
- Address P.O. Box 2292
- City / Zip Brea, California 92822-2292
- Phone 714-671-3371

3. CONSULTANT INFORMATION:

- Contact Mr. Mike Pendergrass
- Company Science Applications International Corporation
- Address 570 W. Central Avenue, Suite A
- City / Zip Brea, California 92821
- Phone 714-257-6403

4. WORK PERFORMED THIS QUARTER:

- Groundwater monitoring

5. WORK PROPOSED FOR NEXT QUARTER:

- Groundwater monitoring

6. CURRENT PHASE OF PROJECT (Initial Assessment, Additional Assessment, CAP, Remediation, Post-Remediation Monitoring, etc.):

- Groundwater monitoring

7. DESCRIBE CORRECTIVE AND REMEDIAL TECHNIQUES TO BE IMPLEMENTED IN THE FUTURE AND INCLUDE TIME SCHEDULE FOR THE INITIATION OF THE ASSOCIATED ACTIVITIES (NAPL Removal, Pump and Treat, VES, Excavation, etc.):

- None

8. CURRENTLY MONITORING (Soil, Groundwater, None):

- Groundwater

9. MONITORING FREQUENCY (Quarterly, Monthly, etc.):

- Quarterly

10. DESCRIBE CORRECTIVE AND REMEDIAL TECHNIQUES, INCLUDING INVESTIGATIONS, IMPLEMENTED TO DATE WHICH WERE UNDERTAKEN TO DETERMINE THE NATURE AND EXTENT OF SOIL, GROUNDWATER, OR SURFACE WATER CONTAMINATION (NAPL Removal, Pump and Treat, VES, Excavation, etc.):

- Site assessment
- Additional assessment
- Site Conceptual Model
- Groundwater monitoring
- UST Replacement 1990
- Vapor extraction system removed 980 lbs. of TPHg in 1996
- Installation of dispenser island containment December 2001
- Limited excavation in December 2001
- Confirmation soil sampling, September 2002 and January 2003

11. CUMULATIVE SOIL REMOVED TO DATE (cubic yards):

- 320.3 cubic yards

12. SOIL REMOVED THIS QUARTER (cubic yards):

- None

13. ARE CONTAMINATED SOILS OR LIQUIDS GENERATED FROM INVESTIGATIONS OR CLEANUPS CURRENTLY STORED ON SITE?

- No
- Date generated N/A
- How much? N/A

14. GEOTRACKER CONFIRMATION NUMBERS FOR EDF FILES

- Del Mar Analytical Colton – Report CNA0106 : 2595293164
- GEO_WELL 9980015397

ATTACHMENT 2

1st QUARTER 2004 GROUNDWATER SUMMARY

GROUNDWATER MONITORING SUMMARY

CURRENT FIELD ACTIVITIES

Groundwater monitoring frequency:	Quarterly
Activity date:	01/08/2004
Field subcontractor:	Wayne Perry, Inc.
Purging method:	Submersible pump
Purging subcontractor:	Wayne Perry, Inc.
Disposal method/facility:	PSC/ US Filter
Gallons of groundwater purged:	Approximately 115
Number of groundwater wells total:	9
Number of groundwater wells offsite:	3
Number of wells sampled this period:	6
Number of wells with NAPL:	0
Cumulative NAPL recovered to date (gallons):	None
NAPL recovered this quarter (gallons):	None

SITE HYDROLOGY

Average groundwater elevation (of wells gauged):	78.13 feet above MSL
Groundwater elevation change from previous quarter:	- 0.21 foot
Approximate groundwater flow direction:	South
Approximate hydraulic gradient:	0.007 ft/ft

GROUNDWATER CONDITIONS

Maximum benzene concentration:	6,200 µg/L – MW-08
Minimum benzene concentration:	ND<1 µg/L – Multiple Wells
Historical maximum benzene concentration:	37,000 µg/L – MW-08 (11/5/93 & 6/29/94)
Maximum MtBE concentration:	2,900 µg/L – CMW-11
Minimum MtBE concentration:	ND<2 µg/L – Multiple Wells
Historical maximum MtBE concentration:	1,700 µg/L – MW-07 (9/8/97: 8021B) 5,340 µg/L – MW-08 (5/3/01: 8260B)

GROUNDWATER TRENDS AND OBSERVATIONS

- BTEX constituents were not detected in any wells other than in MW-08 during this quarter.
- ETBE, DIPE, and TAME were not detected in any samples collected this quarter. TBA was detected in MW-07 at 10 J µg/L.
- The Benzene plume is contained completely onsite, centered around MW-8, while the MtBE plume continues offsite towards the south. Concentrations of MtBE in the most down gradient well, AMW-1, has been decreasing and stabilizing since 3rd quarter 2001.
- In general, TPHg and MtBE concentrations appear to display a stable and/or declining trend in the downgradient wells at this site.
- An increase in TPHg, BTEX and MtBE concentrations has been observed in MW-8 over the last two quarters. This trend will be monitored and UST records will be reviewed.

Chronology
Chevron Environmental Management Company
Chevron Station No. 9-3417
32001 Camino Capistrano, San Juan Capistrano, California

11/1/01 – Wayne Perry conducted the 4th Quarter 2001 groundwater monitoring event (CEF – 12/18/01).

12/10-11/01 – SJ Weaver installed dispenser island containment boxes. Harding ESE oversaw air monitoring and OCHCA compliance soil sampling (CEF – 12/18/01).

12/13/01 – Harding ESE field personnel conducted additional excavation/ soil sampling in the dispenser island area (AJL – 12/01).

1/21/02 – Harding ESE submits a Soil Report for Environmental Compliance Work to James Strozier of the OCHCA (CEF – 1/24/02).

2/6/02 – 1st Quarter 2002 groundwater sampling event completed by Wayne Perry, Inc. (CEF – 3/8/02).

3/14/02 – Harding ESE issued the Submittal of 1st Quarter 2002 Groundwater Monitoring and Progress Report to James Strozier of the OCHCA (CEF – 3/27/02).

5/10/02 - Wayne Perry conducted the 2nd Quarter 2002 groundwater monitoring event (CEF – 6/11/02).

5/22/02 – Harding ESE submitted a document titled Additional Assessment Workplan to James Strozier for the OCHCA (CEF – 5/23/02).

6/21/02 – Harding ESE issued the Submittal of 2nd Quarter 2002 Groundwater Monitoring and Progress Report to James Strozier of the OCHCA (VD – 6/27/02).

7/10/02 – Harding ESE resubmitted a document titled Additional Assessment Workplan to James Strozier for the OCHCA. It appears that the workplan was lost in the mail (CEF – 7/23/02).

7/23/02 – James Strozier from the OCHCA left a voice mail message with Alex Lapostol from Harding ESE regarding the Assessment Workplan dated May 22, 2002. The OCHCA has approved work and would be sending out a written notice later today (CEF – 7/23/02).

7/23/02 – James Strozier from the OCHCA issued a letter to Lisa Thompson from Chevron Products Company. Letter approved the May 22, 2002 workplan written by Harding ESE with the conditions (vertically delineate borings, reporting requirements, fieldwork and report submittal deadlines, and notification requirements for the OCHCA) (CEF – 8/6/02).

7/24/02 – Lisa Thompson from Chevron returned a phone message from James Strozier of the OCHCA. The OCHCA believes that the site may be eligible for closure, however the Site Conceptual Model (SCM) submitted by the RAM Group was not signed by a RG. As a result, the OCHCA cannot use the data in the report. Chevron and their consultant should speak with Anthony Martinez, the RG for the OCHCA, and determine what information is needed for submittal of the SCM (CEF – 7/24/02).

8/8/02 - Wayne Perry conducted the 3rd Quarter 2002 groundwater monitoring event (CEF – 10/9/02).

9/3/02 – Harding ESE advanced six confirmation soil borings onsite, as per the OCHCA approval letter dated 7/23/02 (CEF – 10/9/02).

9-3417 Chronology

Page 2

10/15/02 – Harding ESE issued the Submittal of 3rd Quarter 2002 Groundwater Monitoring and Progress Report to James Strozier of the OCHCA (VD – 10/25/02).

10/18/02 – Harding ESE issued an *Additional Site Assessment Report* detailing the results of field activities conducted on September 3, 2002 (advancement of 6 soil borings) (CEF – 10/24/02).

10/31/02 – James Strozier from OCHCA called Cathy Ferguson from Harding ESE to discuss the *Additional Site Assessment Report* submitted on October 18, 2002. Harding ESE to issue a response by November 15, 2002 (CEF 11/11/02).

11/4/02 – Harding ESE submitted *Telephone Conversation Summary* detailing conversation between James Strozier of the OCHCA and Cathy Ferguson from Harding ESE on October 31, 2002 (CEF – 11/11/02).

11/13/02 – Wayne Perry conducted the 4th Quarter 2002 groundwater monitoring event (CEF – 1/8/03).

11/15/02 – Harding ESE submitted an *Additional Assessment Workplan* to James Strozier of the OCHCA (CEF – 11/15/02).

12/10/02 – James Strozier from the OCHCA spoke with Cathy Ferguson from Harding ESE regarding the 11/15/02 dated *Additional Assessment Workplan*. The OCHCA requests additional clarification on the following items: 1) provide the distance between the previously advanced borings and the newly proposed borings – OCHCA would like to see proposed borings located within approximately 5 feet of the original borings, 2) provide explanation for proposed depth – minimum of 20 feet bgs, collect bottom sample at least 5 feet into water. Harding ESE will provide a written explanation regarding the above two items (CEF – 12/10/02).

1/8/03 – MACTEC mailed *Response to Telephone Conversation, December 10, 2002* to James Strozier of the OCHCA. The letter indicated that the proposed soil borings will be within 5 feet of the previous soil borings, and that the soil borings will be advanced at least 5 feet into water (JLB – 1/8/03).

1/10/03 – MACTEC issued the Submittal of 4th Quarter 2002 Groundwater Monitoring and Progress Report to James Strozier of the OCHCA (KES – 3/6/03).

1/15/03 – James Strozier from the OCHCA issued a letter to Lisa Thompson from Chevron Products Company in reference to the November 15, 2002 *Additional Assessment Workplan* and the January 8, 2003 *Response letter* both prepared by MACTEC. The workplan is approved by the OCLOP provided the following: 1) fieldwork must be completed within 60 days of receipt of the letter and assessment report must be submitted within 45 days after completion of field work, and 2) notify the OCHCA at least 48 hours prior to conducting work at the site (CEF – 1/20/03).

1/24/03 – MACTEC advanced three soil borings to a total depth of 21.5 feet bgs (JLB – 1/24/03)

1/27/03 – Wayne Perry conducted the 1st Quarter 2003 groundwater monitoring event (KES – 3/6/03).

2/28/03 – SAIC issued a letter to OCHCA and left a phone message with James Strozier to request a 2 week extension on the due date for the updated SCM and the site assessment report that is due on 3/10/03 (KKN – 2/28/03).

9-3417 Chronology

Page 3

3/3/03 – James Strozier returned phone call from 2/28/03. Will review the extension letter when it is received (KKN – 3/3/03).

3/20/03 – Received James Strozier letter granting extension for submitting SCM and site assessment report to 3/24/03 (TMP – 3/20/03)

3/24/03 – Submittal of *Site Conceptual Model, Site Characterization Report, Site Assessment Report, and First Quarter 2003 Groundwater Monitoring Report* dated March 24, 2003 to James Strozier of the OCHCA (KES – 5/5/03).

4/3/03 – Phone call with James Strozier discussing recently submitted SCM questions regarding MtBE.

4/11/03 – 2nd Qtr 2003 groundwater monitoring event conducted by Wayne Perry Inc (KES – 5/5/03).

6/20/03 – Submittal of 2nd *Quarter 2003 Groundwater Monitoring and Progress Report* to James Strozier of the OCHCA (KES – 7/29/03).

7/7/03 – 3rd Quarter 2003 groundwater monitoring event conducted by Wayne Perry (KES – 7/29/03).

8/22/03 - Submittal of 3rd *Quarter 2003 Groundwater Monitoring and Progress Report* to James Strozier of the OCHCA (KES – 10/21/03).

10/7/03 – 4th Quarter 2003 groundwater monitoring event conducted by Wayne Perry (KES – 10/21/03).

12/5/03 – Submittal of 4th *Quarter 2003 Groundwater Monitoring and Progress Report* to James Strozier of the OCHCA (KES – 2/4/04).

1/8/04 – 1st Quarter 2004 groundwater monitoring event conducted by Wayne Perry (KES – 2/4/04).

ATTACHMENT 3

TABLES

Table 1. Current Groundwater Analyses and Gauging Results
Chevron Environmental Management Company
Service Station No. 9-3417
32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
M/W-02	1/8/2004	93.14	15.00	78.14	31.55	--	--	--	--	--	--	--	--	--	--	Gauge Only
M/W-03	1/8/2004	93.23	15.34	77.89	32.75	ND<50	ND<1	ND<1	ND<1	ND<1	57	ND<2	ND<2	ND<2	ND<10	--
M/W-04	1/8/2004	92.10	13.88	78.22	31.47	--	--	--	--	--	--	--	--	--	--	Gauge Only
M/W-05	1/8/2004	93.03	14.36	78.67	28.18	--	--	--	--	--	--	--	--	--	--	Gauge Only
M/W-07	1/8/2004	92.06	14.30	77.76	30.70	ND<50	ND<1	ND<1	ND<1	ND<1	16	ND<2	ND<2	ND<2	10 J	--
M/W-08	1/8/2004	92.72	14.60	78.12	30.36	32,000	6,200	7,700	1,400	6,100	1,100	ND<100	ND<100	ND<100	ND<500	--
M/W-09	1/8/2004	90.09	12.88	77.21	22.52	ND<50	ND<1	ND<1	ND<1	ND<1	ND<2	ND<2	ND<2	ND<2	ND<10	--
CMW-11	1/8/2004	90.25	12.98	77.27	21.45	2,100	ND<20	ND<20	ND<20	ND<20	2,900	ND<40	ND<40	ND<40	ND<200	--
AMW-01	1/8/2004	88.98	12.30	76.68	22.45	ND<50	ND<1	ND<1	ND<1	ND<1	57	ND<2	ND<2	ND<2	ND<10	--
Trip Blank	1/8/2004	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	ND<2	ND<2	ND<2	ND<2	ND<10	--

Notes:

- ug/L = Micrograms per liter
- ND = Not detected
- TPHg = Total petroleum hydrocarbons as gasoline analyzed by GC/MS (EPA Method 8260B)
- MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
- ETBE = Ethyl tertiary butyl ether analyzed by EPA Method 8260B
- DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
- TAME = Tertiary amyl methyl ether analyzed by EPA Method 8260B
- TBA = Tertiary butyl alcohol analyzed by EPA Method 8260B
- J = denotes value between method detection limit and detection limit for reporting purposes
- BTEX analyzed by EPA Method 8260B unless noted

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 802/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MTW-01	10/20/88	--	--	--	--	--	280	320	180	29	--	--	--	--	--	--	--
MTW-01	01/19/89	--	--	--	--	--	240	190	59	8	--	--	--	--	--	--	--
MTW-01	09/08/89	--	--	--	--	--	40	60	30	ND<0.6	--	--	--	--	--	--	--
MTW-01	12/07/89	--	--	--	--	--	23	35	17	2.3	--	--	--	--	--	--	--
MTW-01	01/05/90	--	--	--	--	--	25	50	40	ND<0.6	--	--	--	--	--	--	--
MTW-01	02/01/90	--	--	--	--	--	20	40	50	ND<0.6	--	--	--	--	--	--	abandoned
MTW-02	10/20/88	90.83	16.46	74.37	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	01/19/89	90.83	15.81	75.02	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	06/01/89	90.83	16.13	74.70	--	--	--	--	--	--	--	--	--	--	--	--	--
MTW-02	07/03/89	90.83	16.20	74.63	--	--	--	--	--	--	--	--	--	--	--	--	--
MTW-02	08/02/89	90.83	16.35	74.48	--	--	--	--	--	--	--	--	--	--	--	--	--
MTW-02	10/25/89	90.83	16.37	74.46	--	--	--	--	--	--	--	--	--	--	--	--	--
MTW-02	12/07/89	90.83	16.23	74.60	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	01/05/90	90.83	16.17	74.66	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	02/01/90	90.83	15.86	74.97	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	08/09/90	90.83	15.71	75.12	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	06/28/91	90.83	16.21	74.62	--	600	80	180	20	100	--	--	--	--	--	--	--
MTW-02	10/08/91	90.83	16.83	74.00	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	12/17/91	90.83	16.46	74.37	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	09/14/92	90.83	15.83	75.00	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	12/03/92	90.83	16.11	74.72	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	02/25/93	90.83	13.67	77.16	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	04/12/93	90.83	14.34	76.49	--	ND<500	0.6	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	07/20/93	90.83	15.45	75.38	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	11/05/93	90.83	16.09	74.74	--	ND<500	1.4	1.4	0.3	3	--	--	--	--	--	--	--
MTW-02	02/11/94	90.83	15.83	75.00	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	06/29/94	90.83	16.20	74.63	--	ND<500	0.3	0.8	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	09/20/94	90.83	16.41	74.42	--	ND<500	5.5	11	1	5.5	--	--	--	--	--	--	--
MTW-02	12/20/94	90.83	16.56	74.27	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	03/20/95	90.83	15.11	75.72	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	06/20/95	90.83	14.77	76.06	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	09/20/95	90.83	15.54	75.29	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	12/04/95	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	03/06/96	90.83	15.10	75.73	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	06/11/96	90.83	15.86	74.97	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	09/12/96	90.83	16.33	74.50	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MTW-02	12/18/96	90.83	15.57	75.26	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Well Depth (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments	
MW-02	02/26/97	90.83	15.05	75.78	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	1	--	--	--	--	--	--	
MW-02	06/05/97	90.83	15.92	74.91	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	
MW-02	09/08/97	90.83	16.24	74.59	--	ND<500	ND<0.3	0.4	ND<0.3	1.1	3.8	--	--	--	--	--	--	
MW-02	11/13/97	90.83	16.37	74.46	--	120	1	0.4	ND<0.3	ND<0.6	510	--	--	--	--	--	--	
MW-02	02/11/98	90.83	14.78	76.05	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	04/20/98	90.83	13.41	77.42	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	07/29/98	90.83	14.24	76.59	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	10/31/98	90.83	14.48	76.35	32.45	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	
MW-02	01/25/99	90.83	14.42	76.41	32.50	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	06/03/99	90.83	14.63	76.20	32.45	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	08/04/99	90.83	15.04	75.79	32.45	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	12/01/99	90.83	15.19	75.64	32.45	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	
MW-02	02/17/00	90.83	14.94	75.89	32.48	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	04/20/00	90.83	14.55	76.28	32.55	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	07/21/00	90.83	15.30	75.53	32.53	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	
MW-02	10/19/00	90.83	15.38	75.45	32.55	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	
MW-02	01/22/01	90.83	14.69	76.14	32.51	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	05/03/01	90.83	14.35	76.48	32.53	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	08/03/01	90.83	14.83	76.00	32.55	--	--	--	--	--	--	--	--	--	--	--	--	
MW-02	11/01/01	90.83	14.94	75.89	32.53	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	Sampled Annually	
MW-02	02/06/02	90.83	14.94	75.89	32.56	--	--	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-02	05/10/02	90.83	14.97	75.86	32.52	--	--	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-02	08/08/02	93.14	15.27	77.87	32.48	--	--	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-02	11/13/02	93.14	15.00	78.14	32.55	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	
MW-02	01/27/03	93.14	14.78	78.36	32.54	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-02	4/11/2003	93.14	14.34	78.80	32.50	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-02	7/7/2003	93.14	14.62	78.52	32.51	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-02	10/7/2003	93.14	14.82	78.32	32.52	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	
MW-02	1/8/2004	93.14	15.00	78.14	31.55	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-03	10/20/88	90.91	16.68	74.23	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
MW-03	01/19/89	90.91	16.12	74.79	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
MW-03	06/01/89	90.91	16.42	74.49	--	--	4	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
MW-03	07/03/89	90.91	16.48	74.43	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-03	08/02/89	90.91	16.63	74.28	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-03	09/08/89	90.91	--	--	--	--	2	1	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
MW-03	10/25/89	90.91	16.68	74.23	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-03	12/07/89	90.91	16.47	74.44	--	--	0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Benzene Ethyl (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MW-03	01/05/90	90.91	16.43	74.48	--	--	0.5	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	02/01/90	90.91	16.17	74.74	--	--	1	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	09/14/92	90.91	16.10	74.81	--	ND<500	ND<0.3	0.4	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	12/03/92	90.91	16.41	74.50	--	ND<500	1.9	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	02/25/93	90.91	14.00	76.91	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	04/12/93	90.91	14.63	76.28	--	ND<500	1.3	ND<0.3	0.4	ND<0.6	--	--	--	--	--	--	--
MW-03	07/20/93	90.91	15.80	75.11	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	11/05/93	90.91	16.40	74.51	--	ND<500	0.3	0.6	ND<0.3	2.4	--	--	--	--	--	--	--
MW-03	02/11/94	90.91	16.21	74.70	--	ND<500	ND<0.3	0.6	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	06/29/94	90.91	16.53	74.38	--	ND<500	0.4	0.6	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	09/20/94	90.91	16.85	74.06	--	ND<500	1.2	0.9	ND<0.3	1.3	--	--	--	--	--	--	--
MW-03	12/20/94	90.91	16.83	74.08	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	03/20/95	90.91	15.43	75.48	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	06/20/95	90.91	15.19	75.72	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	09/20/95	90.91	15.88	75.03	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	12/04/95	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	03/06/96	90.92	15.57	75.35	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-03	06/11/96	90.92	16.26	74.66	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	32	--	--	--	--	--	--
MW-03	09/12/96	90.92	16.75	74.17	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-03	12/18/96	90.92	15.89	75.53	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-03	02/26/97	90.92	15.37	75.55	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	3.3	--	--	--	--	--	--
MW-03	06/05/97	90.92	16.28	74.64	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	2.8	--	--	--	--	--	--
MW-03	09/08/97	90.92	16.43	74.49	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-03	11/13/97	90.92	16.55	74.37	--	ND<500	0.8	ND<0.3	ND<0.3	ND<0.6	530	--	--	--	--	--	--
MW-03	02/11/98	90.92	15.22	75.70	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	04/20/98	90.92	13.80	77.12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	07/29/98	90.92	14.60	76.32	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	10/31/98	90.92	14.86	76.06	32.67	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-03	01/25/99	90.92	14.77	76.15	32.74	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	06/03/99	90.92	14.99	75.93	32.60	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	08/04/99	90.92	15.39	75.53	32.60	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	12/01/99	90.92	15.52	75.40	32.67	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--
MW-03	02/17/00	90.92	15.27	75.65	32.60	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	04/20/00	90.92	14.89	76.03	32.74	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	07/21/00	90.92	15.58	75.34	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--
MW-03	10/19/00	90.92	15.70	75.22	32.92	ND<500	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--
MW-03	01/22/01	90.92	15.02	75.90	32.74	--	--	--	--	--	--	--	--	--	--	--	Sampled Annually
MW-03	05/03/01	90.92	14.61	76.31	32.73	--	--	--	--	--	--	--	--	--	--	--	Sampled Annually

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	Elevation (feet)	Depth of Well (feet)	TPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MW-03	08/03/01	90.92	15.12	75.80	32.75	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	1.9	ND<1	ND<1	ND<1	ND<10	Sampled Annually
MW-03	11/01/01	90.92	15.25	75.67	32.75	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	1.9	ND<1	ND<1	ND<1	ND<10	Gauge only
MW-03	02/06/02	90.92	15.26	75.66	32.75	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	1.9	ND<1	ND<1	ND<1	ND<10	Gauge only
MW-03	05/10/02	90.92	15.28	75.64	32.72	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	1.9	ND<1	ND<1	ND<1	ND<10	Gauge only
MW-03	08/08/02	93.23	15.60	77.63	32.70	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	2.0	ND<1	ND<1	ND<1	ND<10	Gauge only
MW-03	11/13/02	93.23	15.33	77.90	32.75	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	2.0	ND<1	ND<1	ND<1	ND<10	Gauge only
MW-03	01/27/03	93.23	15.34	77.89	32.75	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	2.0	ND<1	ND<1	ND<1	ND<10	Gauge Only
MW-03	4/11/2003	93.23	14.66	78.57	32.70	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	2.0	ND<1	ND<1	ND<1	ND<10	Gauge Only
MW-03	7/7/2003	93.23	14.93	78.30	32.75	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	2.0	ND<1	ND<1	ND<1	ND<10	Gauge Only
MW-03	10/7/2003	93.23	15.14	78.09	32.75	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	2.0	ND<1	ND<1	ND<1	ND<10	Gauge Only
MW-03	1/8/2004	93.23	15.34	77.89	32.75	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	2.0	ND<1	ND<1	ND<1	ND<10	Gauge Only
MW-04	10/20/88	90.21	15.68	74.53	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	01/19/89	90.21	15.17	75.04	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	06/01/89	90.21	15.44	74.77	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	07/03/89	90.21	15.51	74.70	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	08/02/89	90.21	15.65	74.56	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	10/25/89	90.21	15.73	74.48	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	12/07/89	90.21	15.56	74.65	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	01/05/90	90.21	15.53	74.68	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	02/01/90	90.21	15.23	74.98	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	08/09/90	90.21	15.76	74.45	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	06/28/91	90.21	15.23	74.98	32.75	390	40	100	10	60	60	60	60	60	60	60	60
MW-04	08/08/91	90.21	--	--	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	10/08/91	90.21	15.92	74.29	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	12/17/91	90.21	15.63	74.58	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	09/14/92	90.21	14.94	75.27	32.75	ND<500	6.2	1.4	ND<0.3	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
MW-04	12/03/92	90.21	15.15	75.06	32.75	ND<500	3	3.5	ND<0.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
MW-04	02/25/93	90.21	12.71	77.50	32.75	ND<500	1.2	3.5	0.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
MW-04	04/12/93	90.21	13.38	76.83	32.75	ND<500	30	1.8	1.7	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
MW-04	07/20/93	90.21	15.53	74.68	32.75	ND<500	4.2	8.9	0.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
MW-04	11/05/93	90.21	15.14	75.07	32.75	ND<500	0.5	0.4	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	02/11/94	90.21	14.99	75.22	32.75	ND<500	0.5	0.5	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	06/29/94	90.21	15.30	74.91	32.75	ND<500	2.2	4.8	0.6	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
MW-04	09/20/94	90.21	15.55	74.66	32.75	ND<500	ND<0.3	0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	12/20/94	90.21	15.66	74.55	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6	ND<0.6
MW-04	03/20/95	90.21	14.30	75.91	32.75	1,300	430	10	34	97	97	97	97	97	97	97	97
MW-04	06/20/95	90.21	13.78	76.43	32.75	ND<500	ND<0.3	ND<0.3	ND<0.3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Benzene (ug/L)	Ethyl Xylenes (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MW-04	09/20/95	90.21	14.51	75.70	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-04	12/04/95	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-04	03/06/96	90.21	14.06	76.15	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	53	--	--	--	--	--	--	--
MW-04	06/11/96	89.90	15.80	74.10	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	120	--	--	--	--	--	--	--
MW-04	09/12/96	89.90	15.31	74.59	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	1.1	--	--	--	--	--	--	--
MW-04	12/18/96	89.90	14.44	75.46	--	ND<500	0.3	ND<0.3	ND<0.3	ND<0.6	0.9	--	--	--	--	--	--	--
MW-04	02/26/97	89.90	13.99	75.91	--	ND<500	0.4	0.7	ND<0.3	ND<0.3	1.8	--	--	--	--	--	--	--
MW-04	06/05/97	89.90	14.78	75.12	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	5.1	--	--	--	--	--	--	--
MW-04	09/08/97	89.90	15.20	74.70	--	ND<500	0.6	ND<0.3	ND<0.3	ND<0.6	640	--	--	--	--	--	--	--
MW-04	11/13/97	89.90	15.34	74.56	--	100	1.1	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-04	02/11/98	89.90	13.81	76.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	04/20/98	89.90	12.35	77.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	07/29/98	89.90	13.09	76.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	10/31/98	89.90	13.34	76.56	31.28	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-04	01/25/99	89.90	13.24	76.66	31.30	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	06/03/99	89.90	13.52	76.38	31.25	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	08/04/99	89.90	13.89	76.01	31.23	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	12/01/99	89.90	14.07	75.83	31.27	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-04	02/17/00	89.90	13.91	75.99	31.29	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	04/20/00	89.90	13.43	76.47	31.60	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	07/21/00	89.90	14.08	75.82	31.57	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-04	10/19/00	89.90	14.28	75.62	31.54	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
MW-04	01/22/01	89.90	13.61	76.29	31.54	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	05/03/01	89.90	13.19	76.71	31.54	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	08/03/01	89.90	13.69	76.21	31.48	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	11/01/01	89.90	13.82	76.08	31.45	ND<100	ND<1	ND<5	ND<5	ND<5	ND<10	--	--	--	--	--	--	--
MW-04	02/06/02	89.90	13.83	76.07	31.48	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	05/10/02	89.90	13.85	76.04	31.46	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	08/08/02	92.10	14.16	77.94	31.42	--	--	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-04	11/13/02	92.10	13.87	78.23	31.42	ND<100	ND<1	ND<5	ND<5	ND<5	ND<10	--	--	--	--	--	--	Gauge Only
MW-04	01/27/03	92.10	13.92	78.18	31.44	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-04	4/11/2003	92.10	13.20	78.90	31.42	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-04	7/7/2003	92.10	13.47	78.63	31.43	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-04	10/7/2003	92.10	13.70	78.40	31.42	ND<50	ND<1	ND<1	ND<1	ND<1	ND<10	--	--	--	--	--	--	Gauge Only
MW-04	1/8/2004	92.10	13.88	78.22	31.47	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-05	01/19/89	90.91	15.36	75.55	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-05	06/01/89	90.91	15.64	75.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MW-05	07/03/89	90.91	15.72	75.19	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	08/02/89	90.91	15.86	75.05	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	10/25/89	90.91	15.94	74.97	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	12/07/89	90.91	15.77	75.14	--	1.1	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	01/05/90	90.91	15.74	75.17	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	02/01/90	90.91	15.43	75.48	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	08/09/90	90.91	15.42	75.49	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	06/28/91	90.91	15.88	75.03	--	390	40	100	10	60	--	--	--	--	--	--	--
MW-05	10/08/91	90.91	16.62	74.29	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	12/17/91	90.91	16.27	74.64	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	09/14/92	90.91	15.63	75.28	--	ND<500	ND<0.3	0.4	0	ND<0.6	--	--	--	--	--	--	--
MW-05	12/03/92	90.91	15.80	75.11	--	ND<500	6.5	6.2	1.4	2.8	--	--	--	--	--	--	--
MW-05	02/25/93	90.91	13.32	77.59	--	ND<500	ND<0.3	0.4	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	04/12/93	90.91	14.00	76.91	--	ND<500	1.2	1.1	ND<0.3	0.6	--	--	--	--	--	--	--
MW-05	07/20/93	90.91	15.10	75.81	--	ND<500	0.6	1	ND<0.3	0.7	--	--	--	--	--	--	--
MW-05	11/05/93	90.91	15.76	75.15	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	02/11/94	90.91	15.58	75.33	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	06/29/94	90.91	15.88	75.03	--	ND<500	0.8	1.6	ND<0.3	1	--	--	--	--	--	--	--
MW-05	09/20/94	90.91	16.31	74.60	--	ND<500	ND<0.3	0.5	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	12/20/94	90.91	16.29	74.62	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	03/20/95	90.91	14.93	75.98	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	06/20/95	90.91	14.42	76.49	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	09/20/95	90.91	14.83	76.08	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	12/04/95	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	03/06/96	90.72	14.50	76.22	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-05	06/11/96	90.72	15.21	75.51	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-05	09/12/96	90.72	15.72	75.00	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-05	12/18/96	90.72	14.90	75.82	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	4.6	--	--	--	--	--	--
MW-05	02/26/97	90.72	14.40	76.32	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-05	06/05/97	90.72	15.25	75.47	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-05	09/08/97	90.72	15.68	75.04	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	1.5	--	--	--	--	--	--
MW-05	11/13/97	90.72	15.79	74.93	--	100	1	ND<0.3	ND<0.3	ND<0.6	600	--	--	--	--	--	--
MW-05	02/11/98	90.72	14.18	76.54	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	04/20/98	90.72	12.72	78.00	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	07/29/98	90.72	13.50	77.22	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	10/31/98	90.72	13.75	76.97	28.10	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
MW-05	01/25/99	90.72	13.70	77.02	28.16	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	06/03/99	90.72	13.96	76.76	28.10	--	--	--	--	--	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments	
MW-05	08/04/99	90.72	14.35	76.37	28.10	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	12/01/99	90.72	14.54	76.18	28.14	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-05	02/17/00	90.72	14.30	76.42	28.12	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	04/20/00	90.72	13.86	76.86	28.13	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05	07/21/00	90.72	14.52	76.20	28.17	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
MW-05	10/19/00	90.72	14.75	75.97	28.20	ND<500	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<20	--	
MW-05	01/22/01	90.72	14.07	76.65	28.18	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Annually
MW-05	05/03/01	90.72	13.63	77.09	28.17	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Annually
MW-05	08/03/01	90.72	14.15	76.57	28.18	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Annually
MW-05	11/01/01	90.72	14.27	76.45	28.12	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	
MW-05	02/06/02	90.72	14.27	76.45	28.18	--	--	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-05	05/10/02	90.72	14.33	76.39	28.16	--	--	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-05	08/08/02	93.03	14.60	78.43	28.13	--	--	--	--	--	--	--	--	--	--	--	--	Gauge only
MW-05	11/13/02	93.03	14.38	78.65	28.18	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<10	--	
MW-05	01/27/03	93.03	14.42	78.61	28.18	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-05	4/11/2003	93.03	13.64	79.39	28.13	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-05	7/7/2003	93.03	13.91	79.12	28.18	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-05	10/7/2003	93.03	14.15	78.88	28.17	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	
MW-05	1/8/2004	93.03	14.36	78.67	28.18	--	--	--	--	--	--	--	--	--	--	--	--	Gauge Only
MW-06	01/19/89	90.48	15.82	74.66	--	--	0.4	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-06	06/01/89	90.48	16.13	74.35	--	--	ND<0.3	ND<0.3	6	ND<0.6	--	--	--	--	--	--	--	--
MW-06	07/03/89	90.48	16.18	74.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-06	08/02/89	90.48	16.32	74.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-06	09/08/89	90.48	--	--	--	--	815	60	70	0.7	--	--	--	--	--	--	--	--
MW-06	10/25/89	90.48	16.41	74.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-06	12/07/89	90.48	--	--	--	--	160	ND<0.3	14	ND<0.6	--	--	--	--	--	--	--	--
MW-06	01/05/90	90.48	16.20	74.28	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
MW-06	02/01/90	90.48	15.89	74.59	--	--	0.8	ND<0.3	4	ND<0.6	--	--	--	--	--	--	--	--
MW-06	08/09/90	90.48	16.65	73.83	--	--	200	8.4	16	91	--	--	--	--	--	--	--	--
MW-06	06/28/91	90.48	18.21	72.27	--	--	55,780	9,710	6,800	2,040	7,230	--	--	--	--	--	--	--
MW-06	08/08/91	90.48	--	--	--	--	990	475.5	26	40.6	15	--	--	--	--	--	--	--
MW-06	10/08/91	90.48	16.85	73.63	--	--	ND<500	39.4	2.9	2.8	1.6	--	--	--	--	--	--	--
MW-06	12/17/91	90.48	15.48	75.00	--	--	190	43	27	6	17	--	--	--	--	--	--	--
MW-06	09/14/92	90.48	15.88	74.60	--	--	2,200	1,400	25	320	40	--	--	--	--	--	--	--
MW-06	12/03/92	90.48	16.12	74.36	--	--	1,100	210	20	73	26	--	--	--	--	--	--	--
MW-06	02/25/93	90.48	13.64	76.84	--	--	4,900	610	510	190	510	--	--	--	--	--	--	--
MW-06	04/12/93	90.48	14.31	76.17	--	--	6,000	2,000	310	580	440	--	--	--	--	--	--	--

Table 2: Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camrno Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DDE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MMW-06	07/20/93	90.48	15.45	75.03	--	5,800	850	91	280	90	--	--	--	--	--	--	--
MMW-06	11/05/93	90.48	16.18	74.30	--	650	85	9	96	15	--	--	--	--	--	--	--
MMW-06	02/11/94	90.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-06	06/29/94	90.48	16.19	74.29	--	650	170	8.7	40	46	--	--	--	--	--	--	--
MMW-06	09/20/94	90.48	16.51	73.97	--	ND<500	33	3.2	9.6	21	--	--	--	--	--	--	--
MMW-06	12/20/94	90.48	16.54	73.94	--	ND<500	17	1.2	8.9	26	--	--	--	--	--	--	--
MMW-06	03/20/95	90.48	15.14	75.34	--	16,000	1,700	1,000	1,600	3,800	--	--	--	--	--	--	--
MMW-06	06/20/95	90.48	14.82	75.66	--	1,150	61	61	76	210	--	--	--	--	--	--	--
MMW-06	09/20/95	90.48	15.53	74.95	--	1,200	95	24	81	300	--	--	--	--	--	--	--
MMW-06	12/04/95	--	--	--	--	1,200	69	6.3	74	280	--	--	--	--	--	--	--
MMW-06	03/06/96	90.48	15.36	75.12	--	4,100	250	1,100	180	1,000	--	--	--	--	--	--	--
MMW-06	06/11/96	90.46	17.22	73.24	--	2,600	450	ND<0.3	390	590	990	--	--	--	--	--	--
MMW-06	09/12/96	90.46	16.74	73.72	--	70	7.7	6.5	2.7	1.5	140	--	--	--	--	--	--
MMW-06	12/18/96	90.46	15.85	74.61	--	70	12	1.1	8.1	3.1	ND<10	--	--	--	--	--	--
MMW-06	02/26/97	90.46	15.36	75.10	--	530	21	3	40	29	78	--	--	--	--	--	--
MMW-06	06/05/97	90.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-06	09/08/97	90.46	16.06	74.40	--	1,900	100	16	30	35	150	--	--	--	--	--	--
MMW-06	11/13/97	90.46	16.18	74.28	--	330	27	5.1	6	16	76	--	--	--	--	--	--
MMW-06	02/11/98	90.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-06	04/20/98	90.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-06	07/29/98	90.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-06	10/31/98	90.46	14.82	75.64	30.76	3630	103	3.8	69	219	71	--	--	--	--	--	Well abandoned
MMW-07	01/19/89	89.58	14.97	74.61	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MMW-07	06/01/89	89.58	15.28	74.30	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-07	07/03/89	89.58	15.35	74.23	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-07	08/02/89	89.58	15.48	74.10	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-07	10/25/89	89.58	15.57	74.01	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-07	12/07/89	89.58	15.40	74.18	--	--	28	4.3	1.6	1.2	--	--	--	--	--	--	--
MMW-07	01/05/90	89.58	15.36	74.22	--	--	16	0.7	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MMW-07	02/01/90	89.58	15.04	74.54	--	--	120	10	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MMW-07	08/09/90	89.58	15.78	73.80	--	--	190	1.5	1.4	ND<0.6	--	--	--	--	--	--	--
MMW-07	06/28/91	89.58	15.28	74.30	--	17,430	9,650	220	540	210	--	--	--	--	--	--	--
MMW-07	10/08/91	89.58	15.97	73.61	--	4,146	2417.8	1.6	130.5	ND<0.6	--	--	--	--	--	--	--
MMW-07	12/17/91	89.58	15.62	73.96	--	11,500	5,300	1	64	ND<0.6	--	--	--	--	--	--	--
MMW-07	09/14/92	89.58	15.02	74.56	--	2,200	1,800	8	150	7	--	--	--	--	--	--	--
MMW-07	12/03/92	89.58	15.21	74.37	--	3,900	1,700	26	190	29	--	--	--	--	--	--	--
MMW-07	02/25/93	89.58	12.72	76.86	--	ND<500	180	ND<0.3	22	ND<0.6	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	E1TBE (ug/L)	D1PE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MMW-07	04/12/93	89.58	13.42	76.16	--	2,400	1,200	66	140	60	--	--	--	--	--	--	--
MMW-07	07/20/93	89.58	14.58	75.00	--	4,100	840	170	90	48	--	--	--	--	--	--	--
MMW-07	11/05/93	89.58	15.23	74.35	--	1,800	700	110	93	120	--	--	--	--	--	--	--
MMW-07	02/11/94	89.58	15.02	74.56	--	630	290	33	40	59	--	--	--	--	--	--	--
MMW-07	06/29/94	89.58	15.33	74.25	--	2,400	1,100	130	160	260	--	--	--	--	--	--	--
MMW-07	09/20/94	89.58	15.58	74.00	--	ND<500	0.4	ND<0.3	1.1	9.7	--	--	--	--	--	--	--
MMW-07	12/20/94	89.58	15.68	73.90	--	ND<500	130	11	26	40	--	--	--	--	--	--	--
MMW-07	03/20/95	89.58	13.28	76.30	--	ND<500	220	11	34	38	--	--	--	--	--	--	--
MMW-07	06/20/95	89.58	13.92	75.66	--	ND<500	170	11	27	22	--	--	--	--	--	--	--
MMW-07	09/20/95	89.58	14.83	74.75	--	400	100	6.3	15	25	--	--	--	--	--	--	--
MMW-07	12/04/95	--	--	--	--	350	75	4.3	8.1	25	--	--	--	--	--	--	--
MMW-07	03/06/96	89.74	14.50	75.24	--	64	29	2.8	4.8	7.9	--	--	--	--	--	--	--
MMW-07	06/11/96	89.74	15.28	74.46	--	170	71	3	11	22	59	--	--	--	--	--	--
MMW-07	09/12/96	89.74	15.72	74.02	--	250	150	4.4	6.5	23	84	--	--	--	--	--	--
MMW-07	12/18/96	89.74	14.87	74.87	--	310	190	3.6	5.4	28	110	--	--	--	--	--	--
MMW-07	02/26/97	89.74	14.40	75.34	--	950	180	9.6	23	73	180	--	--	--	--	--	--
MMW-07	02/26/97	89.74	14.40	75.34	--	1,200	230	17	25	95	220	--	--	--	--	--	--
MMW-07	06/05/97	89.74	15.23	74.51	--	140	32	1.4	1	13	40	--	--	--	--	--	--
MMW-07	09/08/97	89.74	15.60	74.14	--	12,000	1,700	32	54	1,300	1,700	--	--	--	--	--	--
MMW-07	11/13/97	89.74	15.74	74.00	--	3,200	1,100	20	7.2	420	930	--	--	--	--	--	--
MMW-07	02/11/98	89.74	14.24	75.50	--	ND<500	11	0.84	0.62	8.9	80	--	--	--	--	--	--
MMW-07	04/20/98	89.74	12.80	76.94	--	220	52	2	6.9	17	70	--	--	--	--	--	--
MMW-07	07/29/98	89.74	13.58	76.16	--	160	37	<0.3	1	7.1	70	--	--	--	--	--	--
MMW-07	10/31/98	89.74	13.81	75.93	--	29.98	80	4.8	2.1	45.6	224	--	--	--	--	--	--
MMW-07	01/25/99	89.74	13.72	76.02	--	29.94	ND<1,000	ND<0.6	1.3	ND<0.6	5.1	ND<20	--	--	--	--	--
MMW-07	06/03/99	89.74	13.97	75.77	--	29.91	168 J	6.6	ND<0.3	ND<0.3	45	--	--	--	--	--	--
MMW-07	08/04/99	89.74	14.32	75.42	--	29.90	ND<500	ND<0.3	ND<0.3	ND<0.6	40	--	--	--	--	--	--
MMW-07	12/01/99	89.74	14.49	75.25	--	29.90	76 J	3	ND<0.3	ND<0.3	76	--	--	--	--	--	--
MMW-07	02/17/00	89.74	14.34	75.40	--	29.87	103 J	6.0	ND<0.3	ND<0.3	103	--	--	--	--	--	--
MMW-07	04/20/00	89.74	13.86	75.88	--	30.68	ND<500	5.0	1.0	ND<0.3	2.0	27	--	--	--	--	--
MMW-07	07/21/00	89.74	15.52	74.22	--	30.68	ND<500	11	1.0	8.0	48	--	--	--	--	--	--
MMW-07	10/19/00	89.74	14.71	75.03	--	30.70	133 J	ND<5	ND<5	ND<5	--	3.9	ND<1	ND<1	ND<1	ND<20	--
MMW-07	01/22/01	89.74	14.03	75.71	--	30.68	ND<100	ND<5	ND<5	ND<5	--	16	ND<1	ND<1	ND<1	ND<20	--
MMW-07	05/03/01	89.74	13.66	76.08	--	30.67	71 J	ND<5	ND<5	ND<5	--	74	ND<1	ND<1	ND<1	ND<10	--
MMW-07	08/03/01	89.74	14.13	75.61	--	30.69	ND<100	ND<5	ND<5	ND<5	--	40	ND<1	ND<1	ND<1	ND<10	--
MMW-07	11/01/01	89.74	14.25	75.49	--	30.68	ND<100	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	40	--
MMW-07	02/06/02	89.74	14.27	75.47	--	30.62	ND<100	ND<1	ND<5	ND<5	--	46	ND<1	ND<1	ND<1	71	--
MMW-07	05/10/02	89.74	14.28	75.46	--	30.66	ND<100	ND<1	ND<5	ND<5	--	22	ND<1	ND<1	ND<1	ND<10	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing		GW Elevation (feet)	Depth of Well (feet)	TPHs (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	8260 MTBE (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
		(feet)	(feet)														
MW-07	08/08/02	92.06	14.60	77.46	30.63	139	4.1	ND<5	ND<5	ND<5	ND<5	42	ND<1	ND<1	ND<1	44	
MW-07	11/13/02	92.06	14.30	77.76	30.67	ND<100	ND<1	ND<5	ND<5	ND<5	39	ND<1	ND<1	ND<1	ND<1	31	
MW-07	01/27/03	92.06	14.24	77.82	30.68	130	ND<1	ND<1	ND<1	ND<1	38	ND<2	ND<2	ND<2	ND<2	60	
MW-07	4/11/2003	92.06	13.64	78.42	30.63	ND<50	3.7 J	ND<1	ND<1	ND<1	26	ND<2	ND<2	ND<2	ND<2	45	
MW-07	7/7/2003	92.06	13.93	78.13	30.68	ND<50	2.4 J	ND<1	ND<1	ND<1	27	ND<2	ND<2	ND<2	ND<2	43	
MW-07	10/7/2003	92.06	14.12	77.94	30.67	ND<50	ND<1	ND<1	ND<1	ND<1	33	ND<2	ND<2	ND<2	ND<2	ND<10	
MW-07	1/8/2004	92.06	14.30	77.76	30.70	ND<50	ND<1	ND<1	ND<1	ND<1	16	ND<2	ND<2	ND<2	ND<2	10 J	
MW-08	06/01/89	90.27	15.62	74.65	--	--	2	4	49	ND<0.6	--	--	--	--	--	--	--
MW-08	07/03/89	90.27	15.70	74.57	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08	08/02/89	90.27	15.83	74.44	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08	09/08/89	90.27	--	--	--	--	70	20	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-08	10/25/89	90.27	15.92	74.35	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08	12/07/89	90.27	15.75	74.52	--	--	1	1.1	4.8	ND<0.6	--	--	--	--	--	--	--
MW-08	01/05/90	90.27	15.72	74.55	--	--	80	20	ND<0.3	ND<0.6	--	--	--	--	--	--	--
MW-08	02/01/90	90.27	15.40	74.87	--	--	27	5	4	ND<0.6	--	--	--	--	--	--	--
MW-08	08/09/90	90.27	16.11	74.16	--	--	0.6	ND<0.3	15	6	--	--	--	--	--	--	--
MW-08	06/28/91	90.27	17.60	72.67	--	130,900	33,480	26,170	2,370	11,160	--	--	--	--	--	--	--
MW-08	10/08/91	90.27	16.29	73.98	--	288.4	96.4	11.7	8.5	8.8	--	--	--	--	--	--	--
MW-08	12/17/91	90.27	15.93	74.34	--	670	130	100	10	54	--	--	--	--	--	--	--
MW-08	09/14/92	90.27	15.30	74.97	--	23,000	10,000	6,100	660	2,100	--	--	--	--	--	--	--
MW-08	12/03/92	90.27	15.54	74.73	--	21,000	6,500	4,500	490	1,700	--	--	--	--	--	--	--
MW-08	02/25/93	90.27	13.02	77.25	--	37,000	6,200	8,300	980	5,500	--	--	--	--	--	--	--
MW-08	04/12/93	90.27	13.70	76.57	--	66,000	12,000	17,000	1,900	11,000	--	--	--	--	--	--	--
MW-08	07/20/93	90.27	14.85	75.42	--	68,000	13,000	15,000	1,100	6,600	--	--	--	--	--	--	--
MW-08	11/05/93	90.27	--	--	--	130,000	37,000	49,000	3,200	20,000	--	--	--	--	--	--	--
MW-08	11/05/93	90.27	--	--	--	23,000	9,600	7,400	700	3,000	--	--	--	--	--	--	--
MW-08	02/11/94	90.27	--	--	--	120,000	33,000	48,000	3,600	19,000	--	--	--	--	--	--	--
MW-08	02/11/94	90.27	--	--	--	20,000	7,500	5,800	860	3,100	--	--	--	--	--	--	--
MW-08	06/29/94	90.27	--	--	--	22,000	10,000	6,800	890	3,300	--	--	--	--	--	--	--
MW-08	06/29/94	90.27	--	--	--	130,000	37,000	51,000	3,400	20,000	--	--	--	--	--	--	--
MW-08	09/20/94	90.27	--	--	--	100,000	31,000	43,000	3,400	18,000	--	--	--	--	--	--	--
MW-08	09/20/94	90.27	--	--	--	3,400	1,700	350	180	400	--	--	--	--	--	--	--
MW-08	12/20/94	90.27	--	--	--	91,000	25,000	24,000	1,900	12,000	--	--	--	--	--	--	--
MW-08	12/20/94	90.27	--	--	--	2,000	760	270	85	240	--	--	--	--	--	--	--
MW-08	03/20/95	90.27	14.51	75.76	--	86,000	23,000	30,000	2,800	14,000	--	--	--	--	--	--	--
MW-08	03/20/95	90.27	14.51	75.76	--	70,000	20,000	23,000	2,200	11,000	--	--	--	--	--	--	--
MW-08	06/20/95	90.27	14.22	76.05	--	77,600	15,400	24,400	2,670	14,100	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Well Depth (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 80208021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MW-08	06/20/95	90.27	14.22	76.05	--	5,490	2,000	440	260	710	--	--	--	--	--	--	--
MW-08	09/20/95	90.27	14.90	75.37	--	170,000	30,000	51,000	3,800	21,000	--	--	--	--	--	--	--
MW-08	09/20/95	90.27	14.90	75.37	--	9,700	3,100	580	380	810	--	--	--	--	--	--	--
MW-08	12/04/95	90.27	15.45	74.82	--	160,000	29,000	45,000	3,600	20,000	--	--	--	--	--	--	--
MW-08	12/04/95	90.27	15.45	74.82	--	2,600	810	450	120	310	--	--	--	--	--	--	--
MW-08	03/06/96	90.27	14.60	75.67	--	7,500	2,300	1,200	270	850	--	--	--	--	--	--	--
MW-08	03/06/96	90.27	14.60	75.67	--	97,000	20,000	29,000	2,500	12,000	--	--	--	--	--	--	--
MW-08	06/11/96	90.27	15.38	74.89	--	100,000	23,000	42,000	2,600	17,000	1,400	--	--	--	--	--	--
MW-08	06/11/96	90.27	15.38	74.89	--	35,000	11,000	9,800	1,200	5,000	540	--	--	--	--	--	--
MW-08	09/12/96	90.27	15.93	74.34	--	3,700	1,800	500	110	360	120	--	--	--	--	--	--
MW-08	09/12/96	90.27	15.93	74.34	--	4,200	2,000	570	120	410	130	--	--	--	--	--	--
MW-08	12/18/96	90.27	15.05	75.22	--	9,800	4,600	1,700	350	1,200	250	--	--	--	--	--	--
MW-08	02/26/97	90.27	14.59	75.68	--	11,000	1,700	1,200	320	920	ND<10	--	--	--	--	--	--
MW-08	06/05/97	90.27	15.40	74.87	--	1,300	320	120	59	130	11	--	--	--	--	--	--
MW-08	09/08/97	90.27	15.80	74.47	--	83,000	7,100	14,000	1,900	7,400	ND<10	--	--	--	--	--	--
MW-08	11/13/97	90.27	15.93	74.34	--	63,000	14,000	17,000	2,100	9,100	ND<10	--	--	--	--	--	--
MW-08	11/13/97	90.27	15.93	74.34	--	62,000	14,000	17,000	2,100	9,100	ND<10	--	--	--	--	--	--
MW-08	04/20/98	90.27	12.95	77.32	--	18,000	2,900	3,100	750	1,800	82	--	--	--	--	--	--
MW-08	04/20/98	90.27	12.95	77.32	--	19,000	3,000	3,100	800	1,800	88	--	--	--	--	--	--
MW-08	07/29/98	90.27	13.74	76.53	--	3,600	630	350	130	270	79	--	--	--	--	--	--
MW-08	07/29/98	90.27	13.74	76.53	--	5,600	1,400	970	260	640	38	--	--	--	--	--	--
MW-08	10/31/98	90.27	13.98	76.29	--	8,670	714	758	123	462	54	--	--	--	--	--	--
MW-08	01/25/99	90.27	13.93	76.34	--	11,060	348	422	103	330	ND<10	--	--	--	--	--	--
MW-08	06/03/99	90.27	14.15	76.12	29.60	12,590 J	950	820	83	460	ND<500	--	--	--	--	--	--
MW-08	08/04/99	90.27	14.54	75.73	29.47	70 J	ND<0.3	ND<0.3	ND<0.3	ND<0.6	70	--	--	--	--	--	--
MW-08	12/01/99	90.27	14.69	75.58	29.50	3,410 J	490	355	50	270	63 J	--	--	--	--	--	--
MW-08	02/17/00	90.27	14.52	75.75	29.52	4,950 J	820	220	20	700	250	--	--	--	--	--	Before purge sample
MW-08	02/17/00	90.27	--	--	--	25,300	3,200	3,500	570	1,500	305	132	--	--	--	--	After purge sample
MW-08	04/20/00	90.27	14.04	76.23	33.35	9,490 J	833	830	153	535	836	861	--	--	--	--	--
MW-08	07/21/00	90.27	14.77	75.50	30.36	688 J	1,910	232	147	528	688	318	--	--	--	--	--
MW-08	10/19/00	90.27	14.90	75.37	30.38	5,670	850	582	70	724	--	14	ND<1	ND<1	ND<1	ND<1	ND<20
MW-08	01/22/01	90.27	14.22	76.05	30.35	4,930	843	725	148	427	--	1,020	ND<1	ND<1	ND<1	ND<20	--
MW-08	05/03/01	90.27	13.81	76.46	30.35	8,640	1,290	155	94	355	--	5,340	ND<1	ND<1	ND<1	3,750	--
MW-08	08/03/01	90.27	14.32	75.95	30.38	4,880	744	553	110	486	--	206	ND<1	ND<1	ND<1	37	--
MW-08	11/01/01	90.27	14.47	75.80	30.35	3,930	850	893	353	951	--	706	ND<1	ND<1	ND<1	1,500	--
MW-08	02/06/02	90.27	14.45	75.82	30.35	6,160	1,410	1,780	216	868	--	2,210	ND<1	ND<1	ND<1	1,910	--
MW-08	05/10/02	90.27	14.48	75.79	30.33	4,700	812	1,000	139	569	--	374	ND<10	ND<10	ND<10	494	--
MW-08	08/08/02	92.72	14.80	77.92	30.31	11,600	1,720	1,730	290	1,120	--	1,050	ND<10	ND<10	ND<10	1,080	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
MMW-08	11/13/02	92.72	14.51	78.21	30.34	18,500	1,330	2,570	212 J	1,120	--	830	ND<50	ND<50	ND<50	442 J	--
MMW-08	01/27/03	92.72	14.48	78.24	30.35	3300	790	510	130	420	--	310	ND<40	ND<40	ND<40	440 J	--
MMW-08	4/11/2003	92.72	13.82	78.90	30.30	2400	590	290	93	340	--	360	ND<2	ND<2	3.6 J	320	--
MMW-08	7/7/2003	92.72	14.10	78.62	30.34	3,600	720	430	150	550	--	280	ND<10	ND<10	ND<10	120	--
MMW-08	10/7/2003	92.72	14.32	78.40	30.35	26,000	6200	7400	1400	5200	--	1,500	ND<400	ND<400	ND<400	ND<2,000	--
MMW-08	1/8/2004	92.72	14.60	78.12	30.36	32,000	6,200	7,700	1,400	6,100	--	1,100	ND<100	ND<100	ND<100	ND<500	--
CMMW-09	06/28/91	88.10	--	--	--	ND<500	ND<0.3	ND<0.3	0.7	0.7	--	--	--	--	--	--	--
CMMW-09	08/08/91	88.10	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	10/08/91	88.10	--	--	--	ND<500	ND<0.3	ND<0.3	0.7	0.7	--	--	--	--	--	--	--
CMMW-09	12/17/91	88.10	14.41	73.69	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	09/14/92	88.10	13.69	74.41	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	12/03/92	88.10	13.85	74.25	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	02/25/93	88.10	11.41	76.69	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	04/12/93	88.10	12.16	75.94	--	ND<500	0.6	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	07/20/93	88.10	13.30	74.80	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	11/05/93	88.10	13.93	74.17	--	ND<500	5.8	4.3	1.1	3.4	--	--	--	--	--	--	--
CMMW-09	02/11/94	88.10	13.73	74.37	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	06/29/94	88.10	14.02	74.08	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	09/20/94	88.10	14.31	73.79	--	ND<500	0.8	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	12/20/94	88.10	14.39	73.71	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	03/20/95	88.10	12.99	75.11	--	ND<500	1.9	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	06/20/95	88.10	12.63	75.47	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	09/20/95	88.10	13.39	74.71	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	12/04/95	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	03/06/96	87.77	13.10	74.67	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
CMMW-09	06/11/96	87.77	13.68	74.09	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	140	--	--	--	--	--	--
CMMW-09	09/12/96	87.77	14.23	73.54	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
CMMW-09	12/18/96	87.77	13.43	74.34	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
CMMW-09	02/26/97	87.77	12.92	74.85	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	37	--	--	--	--	--	--
CMMW-09	06/05/97	87.77	13.70	74.07	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	70	--	--	--	--	--	--
CMMW-09	09/08/97	87.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CMMW-09	11/13/97	87.77	13.86	73.91	--	ND<500	0.6	ND<0.3	ND<0.3	ND<0.6	420	--	--	--	--	--	--
CMMW-09	02/11/98	87.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CMMW-09	04/20/98	87.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CMMW-09	07/29/98	87.77	12.18	75.59	--	--	--	--	--	--	--	--	--	--	--	--	--
CMMW-09	10/31/98	87.77	12.41	75.36	22.49	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
CMMW-09	01/25/99	87.77	12.34	75.43	22.50	ND<500	ND<0.3	ND<0.3	ND<0.3	1.3	217	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing		Depth to GW		Elevation (feet)	Depth of Well (feet)	TPH (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments	
		(feet)	(feet)	(feet)	(feet)															
CMW-09	06/03/99	87.77	12.55	75.22	22.46	1,480 J	ND<7.5	ND<7.5	ND<7.5	ND<7.5	ND<15	195 J	--	--	--	--	--	--	--	--
CMW-09	08/04/99	87.77	12.90	74.87	22.44	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	20	--	--	--	--	--	--	--	--	--
CMW-09	12/01/99	87.77	13.05	74.72	22.47	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	282	--	--	--	--	--	--	--	--	--
CMW-09	02/17/00	87.77	12.89	74.88	22.49	193 J	11	40	3.0	16	193	--	--	--	--	--	--	--	--	--
CMW-09	04/20/00	87.77	12.42	75.35	22.51	221 J	1.0	3.0	ND<0.3	3.0	221	--	--	--	--	--	--	--	--	--
CMW-09	07/21/00	87.77	13.14	74.63	22.48	270 J	ND<0.3	ND<0.3	ND<0.3	ND<0.6	270	--	--	--	--	--	--	--	--	--
CMW-09	10/19/00	87.77	13.28	74.49	22.50	119 J	ND<5	ND<5	ND<5	ND<5	--	--	--	--	--	--	--	--	--	--
CMW-09	01/22/01	87.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Car over well.
CMW-09	05/03/01	87.77	12.24	75.53	22.49	295	ND<5	ND<5	ND<5	ND<5	ND<5	--	382	ND<1	ND<1	2.2	103	--	--	
CMW-09	08/03/01	87.77	12.69	75.08	22.51	ND<100	ND<5	ND<5	ND<5	ND<5	--	--	90	ND<1	ND<1	ND<1	43	--	--	
CMW-09	11/01/01	87.77	12.80	74.97	22.50	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	--	38	ND<1	ND<1	ND<1	ND<10	--	--	
CMW-09	02/06/02	87.77	12.81	74.96	22.51	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	--	50	ND<1	ND<1	ND<1	ND<10	--	--	
CMW-09	05/10/02	87.77	12.80	74.97	22.49	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	--	17	ND<1	ND<1	ND<1	ND<10	--	--	
CMW-09	08/08/02	90.09	13.14	76.95	22.46	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	--	32	ND<1	ND<1	ND<1	ND<10	--	--	
CMW-09	11/13/02	90.09	12.84	77.25	22.49	ND<100	ND<1	ND<5	ND<5	ND<5	ND<5	--	20	ND<1	ND<1	ND<1	ND<10	--	--	
CMW-09	01/27/03	90.09	12.88	77.21	22.50	180	ND<1	ND<1	ND<1	ND<1	ND<1	--	45	ND<2	ND<2	ND<2	ND<10	--	--	
CMW-09	4/11/2003	90.09	12.21	77.88	22.47	ND<50	ND<1	ND<1	ND<1	ND<1	ND<1	--	16	ND<2	ND<2	ND<2	ND<10	--	--	
CMW-09	7/7/2003	90.09	12.49	77.60	22.50	ND<50	ND<1	ND<1	ND<1	ND<1	ND<1	--	22	ND<2	ND<2	ND<2	ND<10	--	--	
CMW-09	10/7/2003	90.09	12.70	77.39	22.50	ND<50	ND<1	ND<1	ND<1	ND<1	ND<1	--	36	ND<2	ND<2	ND<2	ND<10	--	--	
CMW-09	1/8/2004	90.09	12.88	77.21	22.52	ND<50	ND<1	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<10	--	--	
CMW-11	06/28/91	87.94	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	08/08/91	87.94	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	10/08/91	87.94	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	12/17/91	87.94	14.62	73.32	--	ND<500	0.4	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	09/14/92	87.94	13.98	73.96	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	12/03/92	87.94	14.08	73.86	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	02/25/93	87.94	11.57	76.37	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	04/12/93	87.94	12.35	75.59	--	ND<500	0.5	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	07/20/93	87.94	13.50	74.44	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	11/05/93	87.94	14.13	73.81	--	ND<500	ND<0.3	0.4	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	02/11/94	87.94	13.92	74.02	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	06/29/94	87.94	14.22	73.72	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	09/20/94	87.94	14.44	73.50	--	ND<500	ND<0.3	1.2	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	12/20/94	87.94	14.61	73.33	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	03/20/95	87.94	13.17	74.77	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	06/20/95	87.94	12.75	75.19	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--
CMW-11	09/20/95	87.94	13.55	74.39	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing		Depth to GW		GW Elevation (feet)	Depth of Well (feet)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments	
		(feet)	(feet)	(feet)	(feet)															
CMW-11	12/04/95	--	--	13.22	13.22	74.71	--	59	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--
CMW-11	03/06/96	87.93	87.93	13.81	13.81	74.12	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	1,200	--	--	--	--	--	--	--
CMW-11	06/11/96	87.93	87.93	14.36	14.36	73.57	--	ND<500	ND<0.3	0.3	ND<0.3	ND<0.6	120	--	--	--	--	--	--	--
CMW-11	09/12/96	87.93	87.93	13.61	13.61	74.32	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
CMW-11	12/18/96	87.93	87.93	13.09	13.09	74.84	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	190	--	--	--	--	--	--	--
CMW-11	02/26/97	87.93	87.93	14.30	14.30	73.63	--	ND<500	0.4	ND<0.3	ND<0.3	ND<0.6	380	--	--	--	--	--	--	--
CMW-11	06/05/97	87.93	87.93	--	--	74.03	--	ND<500	0.5	ND<0.3	ND<0.3	ND<0.6	490	--	--	--	--	--	--	--
CMW-11	09/08/97	87.93	87.93	--	--	73.51	--	ND<500	1	ND<0.3	ND<0.3	ND<0.6	570	--	--	--	--	--	--	--
CMW-11	11/13/97	87.93	87.93	14.42	14.42	74.95	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	850	--	--	--	--	--	--	--
CMW-11	02/11/98	87.93	87.93	11.52	11.52	76.41	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	160	--	--	--	--	--	--	--
CMW-11	04/20/98	87.93	87.93	12.34	12.34	75.59	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	180	--	--	--	--	--	--	--
CMW-11	07/29/98	87.93	87.93	12.54	12.54	75.39	--	ND<500	ND<0.3	ND<0.3	ND<0.6	ND<0.6	224	--	--	--	--	--	--	--
CMW-11	10/31/98	87.93	87.93	12.41	12.41	75.52	--	ND<500	ND<0.3	ND<0.3	1.9	ND<0.6	320	--	--	--	--	--	--	--
CMW-11	01/25/99	87.93	87.93	12.69	12.69	75.24	21.39	2,620 J	ND<7.5	ND<7.5	ND<7.5	ND<15	300	--	--	--	--	--	--	--
CMW-11	06/03/99	87.93	87.93	13.03	13.03	74.90	21.36	340 J	ND<0.3	ND<0.3	ND<0.3	ND<0.6	340	--	--	--	--	--	--	--
CMW-11	08/04/99	87.93	87.93	13.17	13.17	74.76	21.40	785 J	ND<12	ND<12	ND<12	ND<24	785	680	--	--	--	--	--	--
CMW-11	12/01/99	87.93	87.93	12.98	12.98	74.95	21.41	600	1.0	5.0	ND<0.3	3.0	ND<5	--	--	--	--	--	--	--
CMW-11	04/20/00	87.93	87.93	12.61	12.61	75.32	21.45	416 J	ND<0.3	ND<0.3	ND<0.3	ND<0.6	416	--	--	--	--	--	--	--
CMW-11	07/21/00	87.93	87.93	13.23	13.23	74.70	21.44	390 J	ND<0.3	ND<0.3	ND<0.3	ND<0.6	390	--	--	--	--	--	--	--
CMW-11	10/19/00	87.93	87.93	13.40	13.40	74.53	21.45	442 J	ND<5	ND<5	ND<5	ND<5	52	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
CMW-11	01/22/01	87.93	87.93	12.74	12.74	75.19	21.44	ND<100	ND<5	ND<5	ND<5	ND<5	176	ND<1	ND<1	ND<1	ND<1	ND<20	--	--
CMW-11	05/03/01	87.93	87.93	12.38	12.38	75.55	21.42	1,810	ND<5	ND<5	ND<5	ND<5	24,100	ND<1	ND<1	ND<1	19	9,510	--	--
CMW-11	08/03/01	87.93	87.93	12.83	12.83	75.10	21.44	278	ND<5	ND<5	ND<5	ND<5	224	ND<1	ND<1	ND<1	ND<1	96	--	--
CMW-11	11/01/01	87.93	87.93	12.92	12.92	75.01	21.44	398	ND<1	ND<1	ND<1	ND<1	440	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
CMW-11	02/06/02	87.93	87.93	12.95	12.95	74.98	21.45	333	ND<1	ND<1	ND<1	ND<1	511	ND<1	ND<1	ND<1	ND<1	ND<10	--	--
CMW-11	05/10/02	87.93	87.93	12.96	12.96	74.97	21.43	174	ND<1	ND<1	ND<1	ND<1	189	ND<1	ND<1	ND<1	ND<1	131	--	--
CMW-11	08/08/02	90.25	90.25	13.30	13.30	76.95	21.39	286	ND<1	ND<1	ND<1	ND<1	423	ND<1	ND<1	ND<1	ND<1	24	--	--
CMW-11	11/13/02	90.25	90.25	12.97	12.97	77.28	21.44	175	ND<1	ND<1	ND<1	ND<1	334	ND<1	ND<1	ND<1	ND<1	33	--	--
CMW-11	01/27/03	90.25	90.25	12.91	12.91	77.34	21.45	350	ND<1	ND<1	ND<1	ND<1	460	ND<2	ND<2	ND<2	ND<2	55 J	--	--
CMW-11	4/11/2003	90.25	90.25	12.36	12.36	77.89	21.40	240	ND<1	ND<1	ND<1	ND<1	480	ND<2	ND<2	ND<2	ND<2	ND<10	--	--
CMW-11	7/7/2003	90.25	90.25	12.63	12.63	77.62	21.44	430	ND<4	ND<4	ND<4	ND<4	1,000	ND<8	ND<8	ND<8	ND<8	ND<40	--	--
CMW-11	10/7/2003	90.25	90.25	12.84	12.84	77.41	21.43	1300	ND<10	ND<10	ND<10	ND<10	3,000	ND<20	ND<20	ND<20	ND<20	170 J	--	--
CMW-11	1/8/2004	90.25	90.25	12.98	12.98	77.27	21.45	2,100	ND<20	ND<20	ND<20	ND<20	2,900	ND<40	ND<40	ND<40	ND<40	ND<200	--	--
AMW-01	06/28/91	86.67	86.67	--	--	--	--	ND<500	ND<0.3	0.5	ND<0.3	1.7	--	--	--	--	--	--	--	--
AMW-01	08/08/91	86.67	86.67	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPHs (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
AMTW-01	10/08/91	86.67	--	72.94	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	12/17/91	86.67	13.73	72.94	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	09/14/92	86.67	13.19	73.48	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	12/03/92	86.67	13.31	73.36	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	02/25/93	86.67	10.91	75.76	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	04/12/93	86.67	11.64	75.03	--	ND<500	0.4	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	07/20/93	86.67	12.77	73.90	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	11/05/93	86.67	13.40	73.27	--	ND<500	0.4	0.7	ND<0.3	0.6	--	--	--	--	--	--	--
AMTW-01	02/11/94	86.67	13.19	73.48	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	06/29/94	86.67	13.47	73.20	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	09/20/94	86.67	13.73	72.94	--	ND<500	0.7	0.8	0.4	1.4	--	--	--	--	--	--	--
AMTW-01	12/20/94	86.67	13.69	72.98	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	03/20/95	86.67	12.42	74.25	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	06/20/95	86.67	12.03	74.64	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	09/20/95	86.67	12.83	73.84	--	150	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	12/04/95	86.67	--	--	--	140	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	03/06/96	86.67	12.50	74.17	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--
AMTW-01	06/11/96	86.67	13.10	73.57	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	380	--	--	--	--	--	--
AMTW-01	09/12/96	86.67	13.65	73.02	--	ND<500	0.4	ND<0.3	ND<0.3	ND<0.6	210	--	--	--	--	--	--
AMTW-01	12/18/96	86.67	12.88	73.79	--	80	0.5	ND<0.3	ND<0.3	ND<0.6	170	--	--	--	--	--	--
AMTW-01	02/26/97	86.67	12.34	74.33	--	220	1.4	2	1.8	2.3	120	--	--	--	--	--	--
AMTW-01	06/05/97	86.67	13.15	73.52	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	120	--	--	--	--	--	--
AMTW-01	09/08/97	86.67	13.55	73.12	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	160	--	--	--	--	--	--
AMTW-01	11/13/97	86.67	13.72	72.95	--	ND<500	1.1	ND<0.3	ND<0.3	ND<0.6	620	--	--	--	--	--	--
AMTW-01	02/11/98	86.67	12.28	74.39	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	100	--	--	--	--	--	--
AMTW-01	02/11/98	86.67	--	--	--	ND<500	ND<0.3	0.46	ND<0.3	ND<0.6	100	--	--	--	--	--	--
AMTW-01	04/20/98	86.67	--	--	--	--	--	--	--	--	200	--	--	--	--	--	--
AMTW-01	04/20/98	86.67	10.82	75.85	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	160	--	--	--	--	--	--
AMTW-01	07/29/98	86.67	--	--	--	--	--	--	--	--	150	--	--	--	--	--	--
AMTW-01	07/29/98	86.67	11.65	75.02	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	140	--	--	--	--	--	--
AMTW-01	10/31/98	86.67	11.87	74.80	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--
AMTW-01	01/25/99	86.67	11.75	74.92	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	91	--	--	--	--	--	--
AMTW-01	06/03/99	86.67	11.98	74.69	--	4,510 J	ND<1.5	ND<1.5	ND<1.5	ND<30	890	831	--	--	--	--	--
AMTW-01	08/04/99	86.67	12.32	74.35	--	994	ND<0.3	ND<0.3	ND<0.3	ND<0.6	994	642	--	--	--	--	--
AMTW-01	12/01/99	86.67	12.42	74.25	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	343	--	--	--	--	--	--
AMTW-01	02/17/00	86.67	12.26	74.41	--	145 J	4.0	18	ND<0.3	8.0	145	--	--	--	--	--	--
AMTW-01	04/20/00	86.67	11.91	74.76	--	160 J	ND<0.3	ND<0.3	ND<0.3	ND<0.6	160	--	--	--	--	--	--
AMTW-01	07/21/00	86.67	12.50	74.17	--	1,210	ND<0.3	ND<0.3	ND<0.3	2.0	610	--	--	--	--	--	--

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Camino Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	Elevation (feet)	Depth of Well (feet)	TPH ₆ (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Benzene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	MTBE 8020/8021 (ug/L)	MTBE 8260 (ug/L)	ETBE (ug/L)	DPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
AMW-01	10/19/00	86.67	12.64	74.03	22.44	521	ND<5	ND<5	ND<5	ND<5	ND<5	76	ND<1	ND<1	1.6	ND<20		
AMW-01	01/22/01	86.67	12.00	74.67	22.44	ND<100	ND<5	ND<5	ND<5	ND<5	ND<5	211	ND<1	ND<1	5.2	ND<20		
AMW-01	05/03/01	86.67	11.69	74.98	22.43	325	ND<5	ND<5	ND<5	ND<5	ND<5	393	ND<1	ND<1	3.6	68		
AMW-01	08/03/01	86.67	12.16	74.51	22.45	321	ND<5	ND<5	ND<5	ND<5	ND<5	586	ND<1	ND<1	ND<1	165		
AMW-01	11/01/01	86.67	12.19	74.48	22.44	244	ND<1	ND<5	ND<5	ND<5	ND<5	217	ND<1	ND<1	2.4	ND<10		
AMW-01	02/06/02	86.67	12.23	74.44	22.45	161	ND<1	ND<5	ND<5	ND<5	ND<5	298	ND<1	ND<1	2.3	46		
AMW-01	05/10/02	86.67	12.20	74.47	22.42	197	ND<1	ND<5	ND<5	ND<5	ND<5	154	ND<1	ND<1	ND<1	50		
AMW-01	08/08/02	88.98	12.54	76.44	22.40	191	ND<1	ND<5	ND<5	ND<5	ND<5	189	ND<1	ND<1	1.5	ND<10		
AMW-01	11/13/02	88.98	12.24	76.74	22.45	144	ND<1	ND<5	ND<5	ND<5	ND<5	173	ND<1	ND<1	1.2	17		
AMW-01	01/27/03	88.98	12.18	76.80	22.45	130	ND<1	ND<1	ND<1	ND<1	ND<1	160	ND<2	ND<2	ND<2	ND<10		
AMW-01	4/11/2003	88.98	11.64	77.34	22.40	98 J	ND<1	ND<1	ND<1	ND<1	ND<1	140	ND<2	ND<2	ND<2	ND<10		
AMW-01	7/7/2003	88.98	11.92	77.06	22.46	69 J	ND<1	ND<1	ND<1	ND<1	ND<1	130	ND<2	ND<2	ND<2	ND<10		
AMW-01	10/7/2003	88.98	12.10	76.88	22.44	59 J	ND<1	ND<1	ND<1	ND<1	ND<1	110	ND<2	ND<2	ND<2	ND<10		
AMW-01	1/8/2004	88.98	12.30	76.68	22.45	ND<50	ND<1	ND<1	ND<1	ND<1	ND<1	57	ND<2	ND<2	ND<2	ND<10		
Rinse	06/03/99	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	
Rinse	08/04/99	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	
Rinse	12/01/99	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	
Rinse	02/17/00	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	
Rinse	04/20/00	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	
Rinse	07/21/00	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	
Rinse	10/19/00	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	
Rinse	01/22/01	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<20	
Rinse	05/03/01	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	
Rinse	08/03/01	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	
Rinse	11/01/01	--	--	--	--	ND<100	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	
Tripp Blank	09/12/96	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	12/18/96	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	02/26/97	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	06/05/97	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	06/06/97	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	09/08/97	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	1.7	--	--	--	--	--	--	--	
Tripp Blank	11/13/97	--	--	--	--	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	02/11/98	--	--	--	--	0.49	ND<0.6	ND<0.6	ND<0.6	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	04/20/98	--	--	--	--	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	07/29/98	--	--	--	--	ND<0.3	ND<0.6	ND<0.6	ND<0.6	ND<0.6	--	--	--	--	--	--	--	
Tripp Blank	10/31/98	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	--	--	--	--	--	--	

Table 2. Historical Groundwater Analyses and Gauging Results
 Chevron Environmental Management Company
 Service Station No. 9-3417
 32001 Carrizo Capistrano, San Juan Capistrano, California

Well ID	Date Sampled	Top of Casing (feet)	Depth to GW (feet)	GW Elevation (feet)	Depth of Well (feet)	TPH _g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Benzene Ethyl (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	MTBE 8020/8021 (ug/L)	MTBE (ug/L)	ETBE (ug/L)	DIPE (ug/L)	TAME (ug/L)	TBA (ug/L)	Comments
Trip Blank	01/25/99	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
Trip Blank	06/03/99	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
Trip Blank	08/04/99	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<10	--	--	--	--	--	--	--
Trip Blank	12/01/99	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Trip Blank	02/17/00	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Trip Blank	04/20/00	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Trip Blank	07/21/00	--	--	--	--	ND<500	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<5	--	--	--	--	--	--	--
Trip Blank	10/19/02	--	--	--	--	ND<500	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<20	--
Trip Blank	01/22/01	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<1	ND<20	--
Trip Blank	05/03/01	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	--
Trip Blank	08/03/01	--	--	--	--	ND<100	ND<5	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	--
Trip Blank	11/01/01	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	--
Trip Blank	02/06/02	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	--
Trip Blank	05/10/02	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	--
Trip Blank	08/08/02	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	--
Trip Blank	11/13/02	--	--	--	--	ND<100	ND<1	ND<5	ND<5	ND<5	--	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	--
Trip Blank	01/27/03	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<1	ND<1	ND<2	ND<2	ND<1	ND<10	--
Trip Blank	4/11/2003	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<2	ND<10	--
Trip Blank	7/7/2003	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<2	ND<10	--
Trip Blank	10/7/2003	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<2	ND<10	--
Trip Blank	1/8/2004	--	--	--	--	ND<50	ND<1	ND<1	ND<1	ND<1	--	ND<2	ND<2	ND<2	ND<2	ND<2	ND<10	--

Notes: ug/L = Micrograms per liter

ND = Not detected

TPH_g = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8015B or GC/MS (EPA Method 8260B)

MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B

ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B

DIPE = Di-isopropyl ether analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol analyzed by EPA Method 8260B

J = denotes value between method detection limit and detection limit for reporting purposes

Beginning 10/19/2000, BTEX analyzed by EPA Method 8260B unless noted.

July 25, 2005

Mr. James Strozier
Orange County Health Care Agency
Environmental Health Division
1241 East Dyer Road, Suite 120
Santa Ana, California 92705-5611

Re: **Second Quarter 2005 Site Status Report**
Chevron Service Station # 9-3417
32009 Camino Capistrano
San Juan Capistrano, California
Case No. 89UT27



Dear Mr. Strozier

On behalf of Chevron Environmental Management Company, Cambria Environmental Technology, Incorporated (Cambria) is submitting this quarterly status report for the Site referenced above. Summarized below is an abbreviated Site description, groundwater monitoring results and activities, and anticipated upcoming activities for the third quarter.

SITE DESCRIPTION

The Site is located on the southwest corner at the intersection of Del Obispo Street and Camino Capistrano in San Juan Capistrano, California (Figure 1). The Site consisted of three 10,000 gallon underground storage tanks (UST), four fuel dispenser islands with associated product piping, and a 250 gallon used-oil above ground storage tank (Figure 2). The surrounding area is predominantly commercial.

The approximate ground elevation of the Site is 93 feet above mean sea level (msl). The Site is underlain by gravel, clayey silt, silty clay, silt, and sand to the maximum depth investigated. First encountered groundwater depths have ranged from 76.95 feet above msl to 79.39 feet above msl.

The predominant extent of petroleum hydrocarbons in soil has been reported in the immediate vicinity of the three USTs and the dispenser islands at the northeast portion of the Site. The vertical extent of hydrocarbon-impacted soil extends to groundwater in this area.

Elevated concentrations of benzene, toluene, ethylbenzene, and xylenes (BTEX) exceeding the

Cambria
Environmental
Technology, Inc.

18 Technology Drive
Suite 167
Irvine, CA 92618
Tel (949) 589-6640
Fax (949) 589-6774

RECEIVED HCA/RK

JUL 26 2005

California Regional Water Quality Control Board – Santa Ana Region levels considered for Low Risk (Low Risk) sites have been reported in groundwater from onsite monitoring well MW-08. Concentrations of benzene exceeding Low Risk levels have been reported in groundwater from MW-07. Concentrations of the oxygenate methyl tertiary butyl ether (MTBE) that exceed 100 µg/L using EPA Method 8260 have been reported in groundwater from onsite monitoring well MW-08 and from offsite down gradient monitoring wells AMW-01 and CMW-11.

Sensitive Receptors –



No sensitive receptors have been identified within or immediately adjacent to the known lateral extent of impacted groundwater associated with the release at the Site. There are three abandoned supply wells in the vicinity of the Site that are part of the City of San Juan Capistrano water system (3010030). They are the Rosenbaum Well-01 and Well-02(006) which are both abandoned and over 2 miles northwest of the Site, and the active Hollywood Well-2A (001), which is approximately 2500 feet northwest of the Site.

GROUNDWATER MONITORING RESULTS AND ACTIVITIES

During this monitoring event, groundwater elevations ranged from 76.32 feet above msl to 78.67 above feet msl, which is comparable with historical values. Groundwater flow direction is generally to the south. Depth to water this quarter ranged from 20 to 30 feet below grade.

Quarterly Groundwater Sampling: On June 8, 2005, Blaine Tech Services gauged and sampled groundwater monitoring wells, AMW-01, CMW-09, CMW-11, MW-02, MW-03, MW-04, MW-05, MW-07, and MW-08. Blaine Tech's field data sheets and disposal record are included as Attachment A. Groundwater samples were submitted to Del Mar Analytical Laboratory in Irvine, California for analysis. Groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, total xylenes (BTEX), and fuel oxygenate additives by EPA Method 8260B. Reported laboratory results for the June 8, 2005 sampling event are summarized in Table 1. Analytical laboratory results are included as Attachment B. Groundwater quality and elevation data have been uploaded to the GeoTracker database on June 28, 2005, analytical data confirmation number 3421157658 and groundwater elevation data confirmation number 6153202652.

Hydrocarbon Distribution in Groundwater:

The following summarizes the distribution of reported concentrations of hydrocarbons in the groundwater at the Site during the current monitoring event:

- 
- Reportable concentrations of TPHg were in groundwater from monitoring wells MW-07 and MW-08 and from down gradient monitoring well CMW-11 during this sampling event. TPHg concentrations have been contoured and are presented in Figure 4.
 - Reportable concentrations of BTEX compounds were in groundwater from monitoring wells MW-07 and MW-08. Benzene concentrations have been contoured and are presented in Figure 5.
 - Methyl tertiary butyl ether (MTBE) was reported at concentrations exceeding 100 µg/L in groundwater from offsite monitoring well CMW-11. MTBE concentrations have been contoured and are presented in Figure 6.

The reported concentrations of petroleum hydrocarbons and BTEX continued to decline in monitoring well MW-08. The reported concentrations of TPHg, BTEX, and MTBE increased during this sampling event in monitoring well MW-07. The reported concentrations of TPHg and MTBE decreased in down gradient monitoring well CMW-11. The concentrations in CMW-11 increased following last winter rains. However the current concentrations suggest this elevated trend is reversing.

Cambria proposes the discontinuation of sampling in monitoring wells MW-2, MW-4, and MW-5 since constituents have been shown to be below the detection limits for nine continuous sampling events. Cambria will implement this change in the sampling schedule after receiving approval from the OCHCA.

ANTICIPATED UPCOMING ACTIVITIES

Quarterly Groundwater Sampling: During the third quarter 2005, Cambria will monitor the groundwater elevations, collect scheduled analytical samples utilizing full-purging protocols, and submit the samples to an appropriate analytical laboratory for analysis. Once the final laboratory analytical reports are received by Cambria, a summary report will be prepared and submitted to the OCHCA.

Cambria will submit a work plan to further define the lateral extent of MTBE in AMW-01 and CMW-11. The work plan will propose collecting hydropunch samples from approximately five locations. The results of hydropunch sampling will be used to determine if the MTBE plume is adequately defined. Once the plume is adequately defined, Cambria will submit a request for closure.

CLOSING

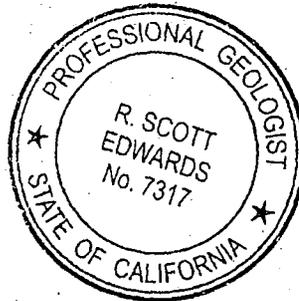
We appreciate the opportunity to work with you on this project. Please contact Scott Edwards at (949) 428-8992 if you have any questions or comments.



Sincerely,
Cambria Environmental Technology, Inc.

Derek Wilken
Staff Geologist

R. Scott Edwards, P.G. # 7317
Senior Project Geologist

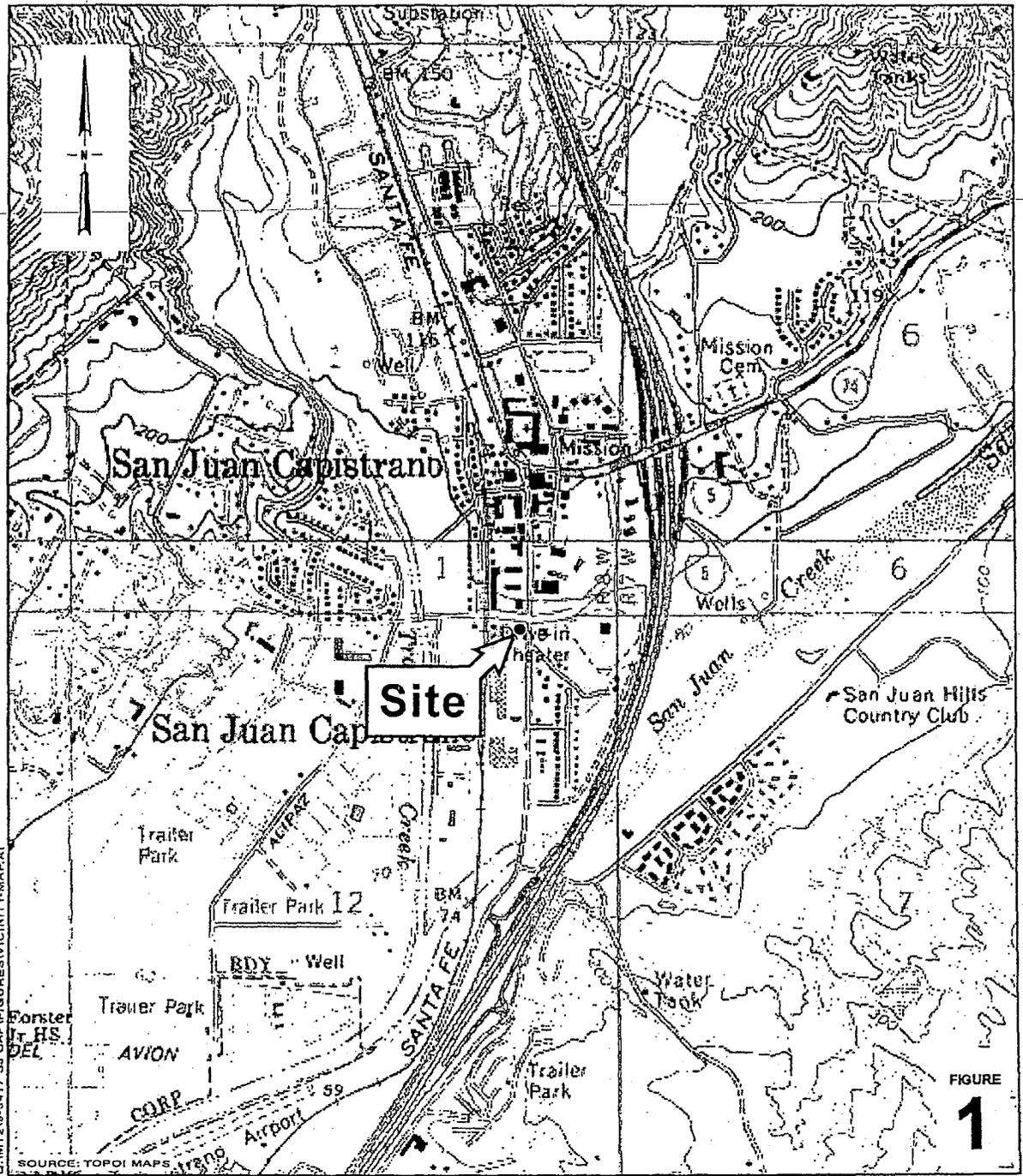


- Figures:
- 1 - Vicinity Map
 - 2 - Site Plan
 - 3 - Potentiometric Surface Map
 - 4 - TPHg Isoconcentration Contour Map
 - 5 - Benzene Isoconcentration Contour Map
 - 6 - MTBE Isoconcentration Contour Map

- Tables:
- 1 - Current Groundwater Analytical Results
 - 2 - Historical Groundwater Analytical Results

- Attachments:
- A - Field Data Sheets and Disposal Record
 - B - Analytical Results

cc: Mr. Dana Thurman, Chevron Environmental Management Company, PO Box 6012, K2236, San Ramon, CA 94583



04M1216-3417 SJ CAPRIGURES VICINITY-MAPA1

SOURCE: TOPOI MAPS

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

Chevron Service Station 9-3417



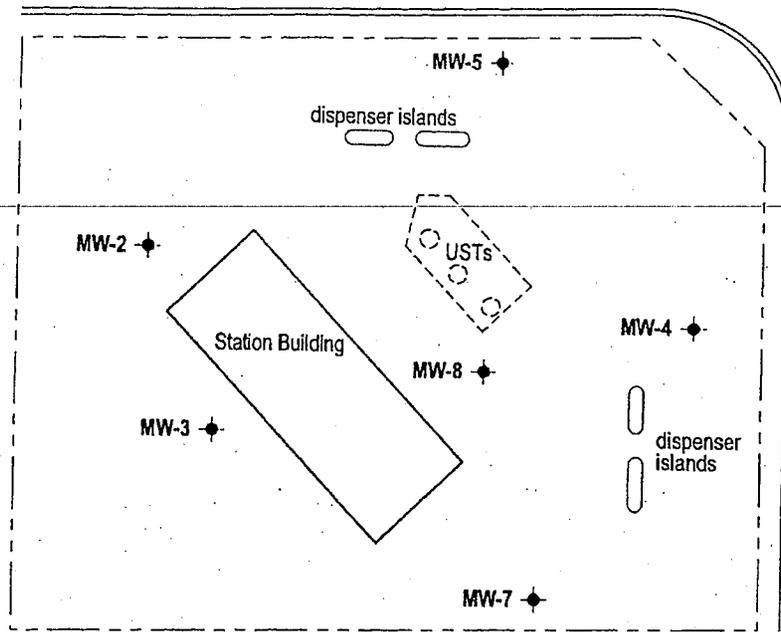
Vicinity Map

32001 Camino Capistrano

San Juan Capistrano, California

C A M B R I A

DEL OBISPO STREET



C:\M\219-3417 SAN JUAN CAPISTRANO\9-3417 SITEPLAN.DWG

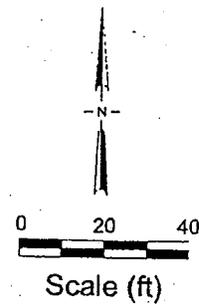
CMW-9

CMW-11

EXPLANATION

MW-1 ◆ Monitoring well location

AMW-1 ◆



Basemap modified from Geotracker Survey Map

FIGURE

2

Chevron Service Station 9-3417

32001 Camino Capistrano

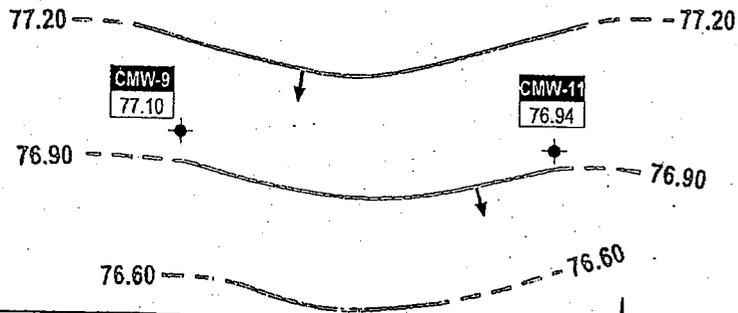
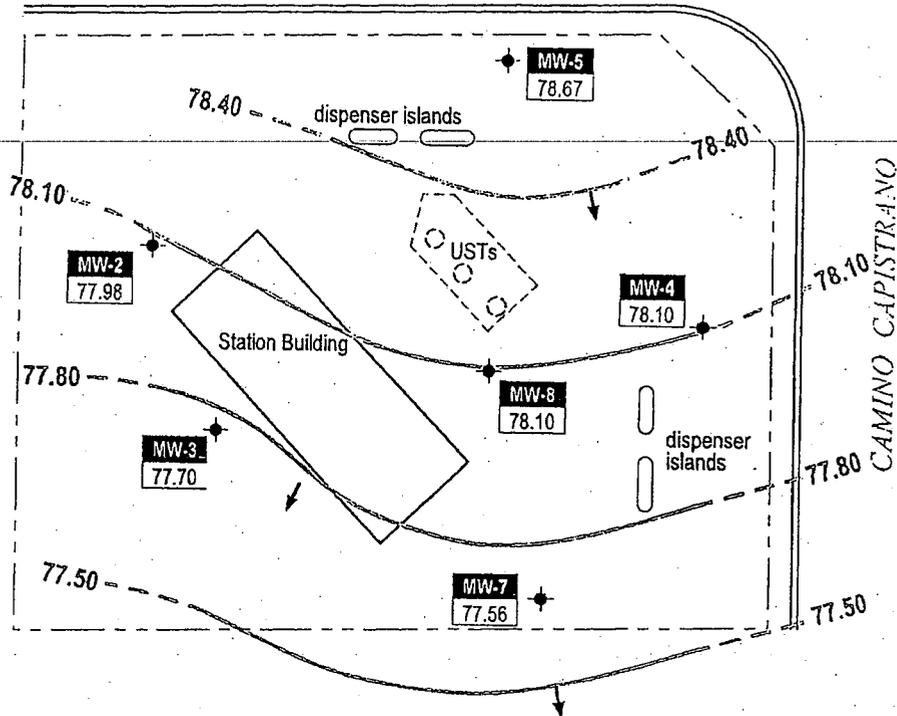
San Juan Capistrano, California



C A M B R I A

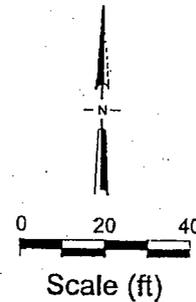
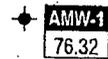
Site Plan

DEL OBISPO STREET



EXPLANATION

- MW-1 + Monitoring well location
- Groundwater flow direction
- - - - - Groundwater elevation contour, in feet above mean sea level (msl), dashed where inferred
- Well ID — Well designation
- ELEV — Groundwater elevation (msl)



Basemap modified from Geotracker Survey Map

FIGURE

3

Chevron Service Station 9-3417

32001 Camino Capistrano

San Juan Capistrano, California

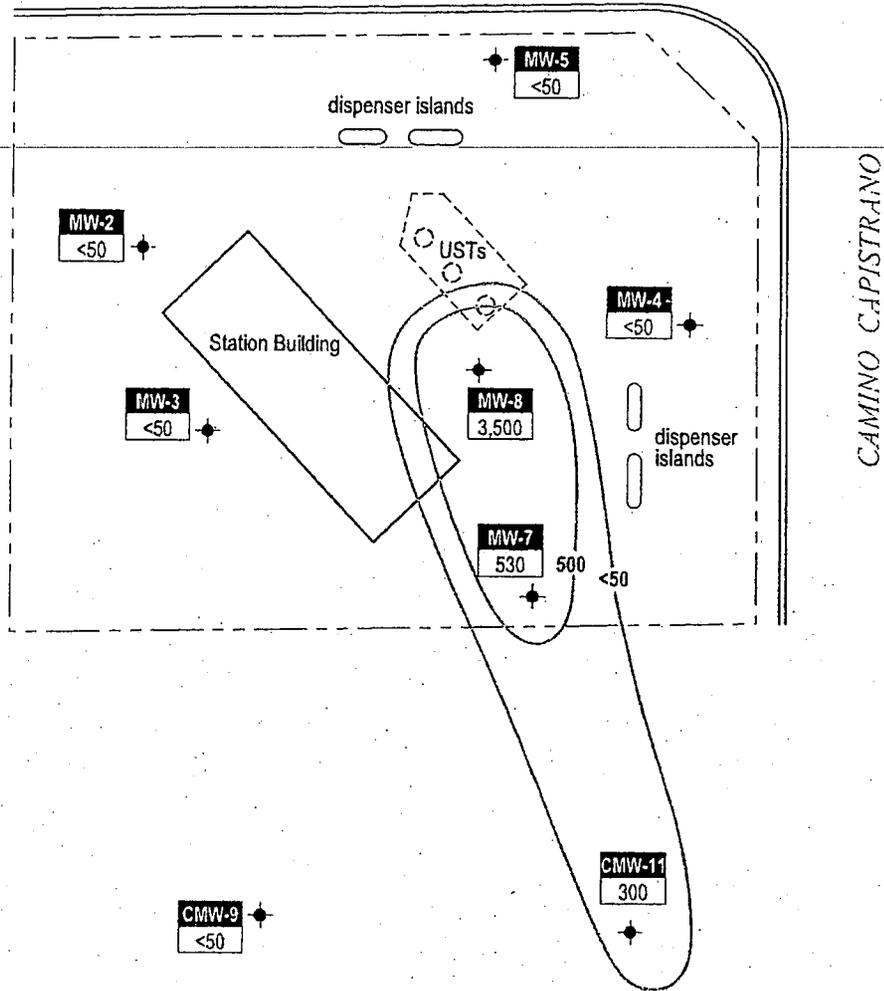


C A M B R I A

Potentiometric Surface Map

June 8, 2005

DEL OBISPO STREET



CAMBRIA SAN JUAN CAPISTRANO SITE_060610.DWG

EXPLANATION

MW-1 + Monitoring well location

--- TPHg concentration contour line, dashed where inferred

Well ID — Well designation

TPHg — TPHg concentrations in micrograms per liter ($\mu\text{g/L}$)

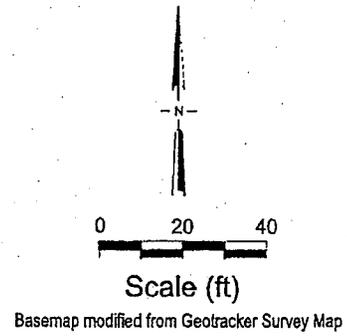


FIGURE 4

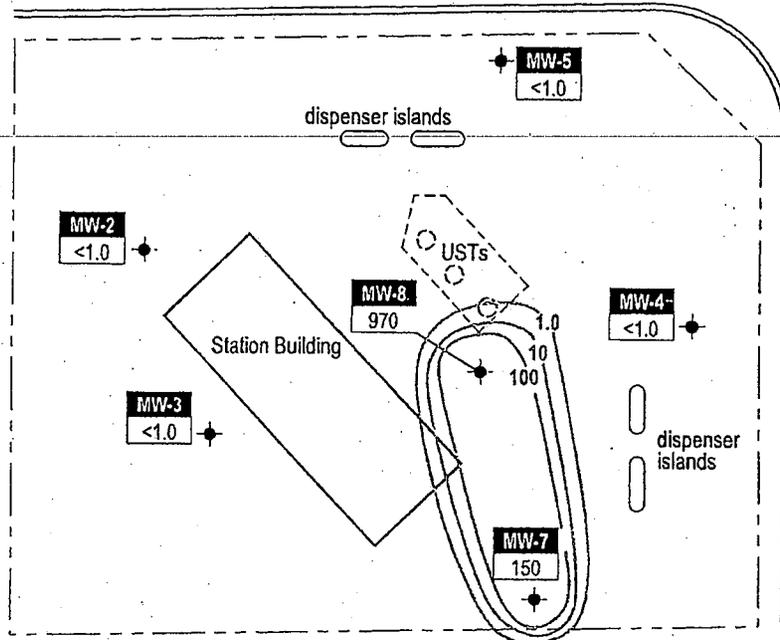
Chevron Service Station 9-3417
 32001 Camino Capistrano
 San Juan Capistrano, California



C A M B R I A

**TPHg Isoconcentration
 Contour Map**
 June 8, 2005

DEI OBISPO STREET



CAMINO CAPISTRANO

CMW-9 <1.0

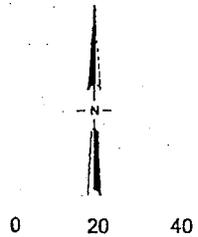
CMW-11 <1.0

AMW-1 <1.0

DATE: 06/18/05 BY: JUAN CARLOS GONZALEZ-111_2002_0002/MS/05

EXPLANATION

- MW-1 + Monitoring well location
- Benzene concentration contour line, dashed where inferred
- Well ID Well designation
- Benz. Benzene concentrations in micrograms per liter (µg/L)



Scale (ft)
Basemap modified from Geotracker Survey Map

FIGURE 5

Chevron Service Station 9-3417
32001 Camino Capistrano
San Juan Capistrano, California

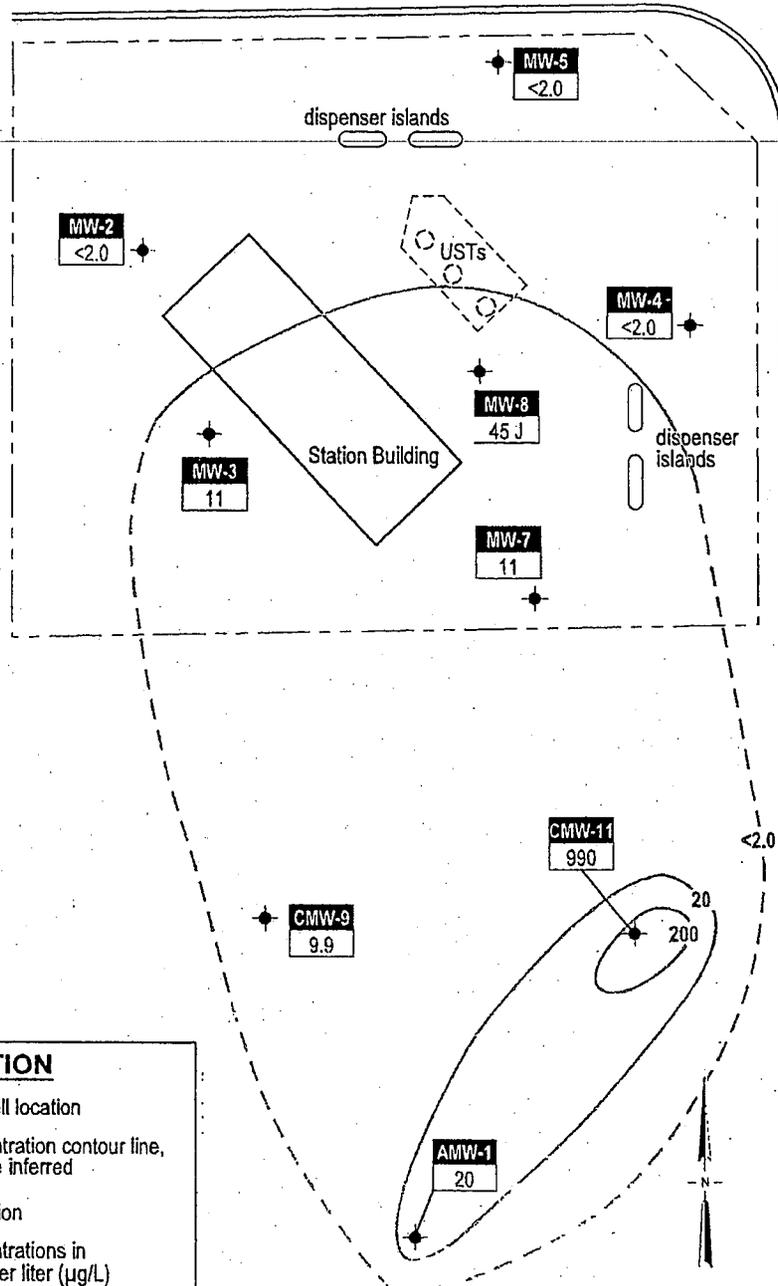


C A M B R I A

Benzene Isoconcentration Contour Map

June 8, 2005

DE LA OBISPO STREET



CAMINO CAPISTRANO

EXPLANATION

- MW-1 ◆ Monitoring well location
- MTBE concentration contour line, dashed where inferred
- Well ID Well designation
- MTBE MTBE concentrations in micrograms per liter (µg/L)
- J Estimated value between the method detection limit and the reporting limit.

CAMPE-017 #01 SAN JUAN CAPISTRANO-S111_2005_0118-000.DWG



Basemap modified from Geotracker Survey Map

FIGURE

6

Chevron Service Station 9-3417

32001 Camino Capistrano

San Juan Capistrano, California



C A M B R I A

**MTBE Isoconcentration
Contour Map**

June 8, 2005

Cambria

Table 1.

Current Groundwater Analytical Data

Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-			MTBE (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Comments	
						Benzene (µg/L)	Total Xylenes (µg/L)	Total								
			EPA Method: 8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	
MW-02	6/8/2005	77.98	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	--
MW-03	6/8/2005	77.70	<50	<1.0	<1.0	<1.0	<1.0	<1.0	11	<2.0	<2.0	<2.0	<2.0	<10	<100	--
MW-04	6/8/2005	78.10	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	--
MW-05	6/8/2005	78.67	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	--
MW-07	6/8/2005	77.56	530	150	2.1J	6.5J	39	11	4.0	4.0	4.0	4.0	130	<200	<200	--
MW-08	6/8/2005	78.10	3,500	970	510	160	370	45J	4.0	4.0	4.0	4.0	<200	<2000	<2000	--
CMW-09	6/8/2005	77.10	<50	<1.0	<1.0	<1.0	<1.0	9.9	<2.0	<2.0	<2.0	<2.0	<10	<100	--	
CMW-11	6/8/2005	76.94	300	<1.0	<1.0	<1.0	<1.0	990	<2.0	<2.0	<2.0	<2.0	93	<100	<100	--
AMW-01	6/8/2005	76.32	<50	<1.0	<1.0	<1.0	<1.0	20	<2.0	<2.0	<2.0	<2.0	<10	<100	<100	--
QA	6/8/2005	--	<50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	--	--

Abbreviations and Notes:

- µg/L = micrograms per liter
- <n = Below detection limit of n µg/L
- msl = mean sea level
- J = Denotes estimated value between method detection limit and reporting limit
- TPHg = Total petroleum hydrocarbons as gasoline
- MTBE = Methyl tertiary butyl ether
- ETBE = Ethyl tertiary butyl ether
- DIPE = Di-isopropyl ether
- TAME = Tertiary amyl methyl ether
- TBA = Tertiary butyl alcohol

Cambria

Table 2.
Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE 8020/8021 (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Comments
MW-01	10/20/1988	--	--	280	320	180	29	--	--	--	--	--	--	--	--
	1/19/1989	--	--	240	190	59	8	--	--	--	--	--	--	--	--
	9/8/1989	--	--	40	60	30	<0.6	--	--	--	--	--	--	--	--
	12/7/1989	--	--	23	35	17	2.3	--	--	--	--	--	--	--	--
	1/5/1990	--	--	25	50	40	<0.6	--	--	--	--	--	--	--	--
	2/1/1990	--	--	20	40	50	<0.6	--	--	--	--	--	--	--	abandoned
	10/20/1988	74.37	--	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--
	1/19/1989	75.02	--	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--
	6/1/1989	74.70	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/3/1989	74.63	--	--	--	--	--	--	--	--	--	--	--	--	--
8/2/1989	74.48	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/25/1989	74.46	--	--	--	--	--	--	--	--	--	--	--	--	--	
12/7/1989	74.60	--	--	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	
1/5/1990	74.66	--	--	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	
2/1/1990	74.97	--	--	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	
8/9/1990	75.12	--	--	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	
6/28/1991	74.62	600	80	180	20	100	--	--	--	--	--	--	--	--	
10/8/1991	74.00	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
12/17/1991	74.37	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
9/14/1992	75.00	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
12/3/1992	74.72	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
2/25/1993	77.16	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
4/12/1993	76.49	<500	0.6	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
7/20/1993	75.38	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
11/5/1993	74.74	<500	1.4	1.4	0.3	3	--	--	--	--	--	--	--	--	
2/11/1994	75.00	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
6/29/1994	74.63	<500	0.3	0.8	<0.3	<0.6	--	--	--	--	--	--	--	--	
9/20/1994	74.42	<500	5.5	11	1	5.5	--	--	--	--	--	--	--	--	
12/20/1994	74.27	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
3/20/1995	75.72	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
6/20/1995	76.06	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
9/20/1995	75.29	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	
12/4/1995	--	<500	<0.3	<0.3	<0.3	<0.6	--	--	--	--	--	--	--	--	

Cambria

Table 2.
Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	EPA Method: 8260											Comments	
			TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE 8020/8021 (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)		Ethanol (µg/L)
			8260	8260	8260	8260	8260	8260	8020/8021	8260	8260	8260	8260	8260	
3/6/1996		75.73	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-
6/11/1996		74.97	<500	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	-	-
9/12/1996		74.50	<500	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	-	-
12/18/1996		75.26	<500	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	-	-
2/26/1997		75.78	<500	<0.3	<0.3	<0.3	<0.6	1	-	-	-	-	-	-	-
6/5/1997		74.91	<500	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	-	-
9/8/1997		74.59	<500	<0.3	0.4	0.4	1.1	3.8	-	-	-	-	-	-	-
11/13/1997		74.46	120	1	0.4	0.3	<0.6	510	-	-	-	-	-	-	-
2/11/1998		76.05	-	-	-	-	-	-	-	-	-	-	-	-	-
4/20/1998		77.42	-	-	-	-	-	-	-	-	-	-	-	-	-
7/29/1998		76.59	-	-	-	-	-	-	-	-	-	-	-	-	-
10/31/1998		76.35	<500	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	-	-
1/25/1999		76.41	-	-	-	-	-	-	-	-	-	-	-	-	-
6/3/1999		76.20	-	-	-	-	-	-	-	-	-	-	-	-	-
8/4/1999		75.79	-	-	-	-	-	-	-	-	-	-	-	-	-
12/1/1999		75.64	<500	<0.3	<0.3	<0.3	<0.6	<5	-	-	-	-	-	-	-
2/17/2000		75.89	-	-	-	-	-	-	-	-	-	-	-	-	-
4/20/2000		76.28	-	-	-	-	-	-	-	-	-	-	-	-	-
7/21/2000		75.53	<500	<0.3	<0.3	<0.3	<0.6	<5	-	-	-	-	-	-	-
10/19/2000		75.45	<500	<5	<5	<5	<5	<1	-	-	-	-	-	<20	-
1/22/2001		76.14	-	-	-	-	-	-	-	-	-	-	-	-	-
5/3/2001		76.48	-	-	-	-	-	-	-	-	-	-	-	-	-
8/3/2001		76.00	-	-	-	-	-	-	-	-	-	-	-	-	-
11/1/2001		75.89	<100	<1	<5	<5	<5	<1	-	-	-	-	-	<10	-
2/6/2002		75.89	-	-	-	-	-	-	-	-	-	-	-	-	-
5/10/2002		75.86	-	-	-	-	-	-	-	-	-	-	-	-	-
8/8/2002		77.87	-	-	-	-	-	-	-	-	-	-	-	-	-
11/13/2002		78.14	<100	<1	<5	<5	<5	<1	-	-	-	-	-	<10	-
1/27/2003		78.36	-	-	-	-	-	-	-	-	-	-	-	-	-
4/11/2003		78.80	-	-	-	-	-	-	-	-	-	-	-	-	-
7/7/2003		78.52	-	-	-	-	-	-	-	-	-	-	-	-	-
10/7/2003		78.32	<50	<1	<1	<1	<1	<2	-	-	-	-	-	<10	-
1/8/2004		78.14	-	-	-	-	-	-	-	-	-	-	-	-	-
4/8/2004		78.13	-	-	-	-	-	-	-	-	-	-	-	-	-
7/12/2004		77.53	-	-	-	-	-	-	-	-	-	-	-	-	-

Sampled Annually
Sampled Annually
Sampled Annually

Gauge only
Gauge Only

Table 2.
Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	EPA Method: 8260														Comments
			TPHE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE (8020/8021) (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Ethanol (µg/L)			
MW-03	11/3/2004	78.14	<50	<1	<1	<1	<1	<1	<1	<2	<2	<2	<2	<2	<10	<100	Gauge Only
	3/25/2005	79.34	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	6/8/2005	77.98	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
MW-03	10/20/1988	74.23	-	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	1/19/1989	74.79	-	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	6/1/1989	74.49	-	4	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	7/3/1989	74.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/2/1989	74.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/8/1989	-	-	2	1	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	10/25/1989	74.23	-	-	-	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	12/7/1989	74.44	-	0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	1/5/1990	74.48	-	0.5	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	2/1/1990	74.74	-	1	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	9/14/1992	74.81	<500	<0.3	0.4	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	12/3/1992	74.50	<500	1.9	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	2/25/1993	76.91	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	4/12/1993	76.28	<500	1.3	<0.3	<0.3	0.4	<0.6	-	-	-	-	-	-	-	-	-
	7/20/1993	75.11	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	11/5/1993	74.51	<500	0.3	0.6	<0.3	<0.3	2.4	-	-	-	-	-	-	-	-	-
	2/11/1994	74.70	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
6/29/1994	74.38	<500	0.4	0.6	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
9/20/1994	74.06	<500	1.2	0.9	<0.3	<0.3	1.3	-	-	-	-	-	-	-	-	-	
12/20/1994	74.08	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
3/20/1995	75.48	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
6/20/1995	75.72	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
9/20/1995	75.03	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
12/4/1995	-	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
3/6/1996	75.35	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
6/11/1996	74.66	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
9/12/1996	74.17	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
12/18/1996	75.03	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
2/26/1997	75.55	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
6/5/1997	74.64	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	
9/8/1997	74.49	<500	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	

Cambria

Table 2.
Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	EPA Method: 8260										Comments				
			TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE (8020/8021) (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)		TBA (µg/L)	Ethanol (µg/L)		
	11/13/1997	74.37	<500	0.8	<0.3	<0.3	<0.3	<0.6	-	530	-	-	-	-	-	-	-
	2/11/1998	75.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/20/1998	77.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/29/1998	76.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/31/1998	76.06	<500	<0.3	<0.3	<0.3	<0.6	<10	-	-	-	-	-	-	-	-	-
	1/25/1999	76.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6/3/1999	75.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/4/1999	75.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/1/1999	75.40	<500	<0.3	<0.3	<0.6	<10	-	-	-	-	-	-	-	-	-	-
	2/17/2000	75.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/20/2000	76.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/21/2000	75.34	<500	<0.3	<0.3	<0.6	<10	-	-	-	-	-	-	-	-	-	-
	10/19/2000	75.22	<500	<5	<5	<5	<5	<5	-	-	-	-	-	-	-	<20	-
	1/22/2001	75.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/3/2001	76.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/3/2001	75.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/1/2001	75.67	<100	<1	<5	<5	<5	<5	1.9	-	-	-	-	-	-	<10	-
	2/6/2002	75.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/10/2002	75.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/8/2002	77.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/13/2002	77.90	<100	<1	<5	<5	<5	<5	2	-	-	-	-	-	-	<10	-
	1/27/2003	77.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/11/2003	78.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/7/2003	78.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/7/2003	78.09	<50	<1	<1	<1	<1	<1	81	-	-	-	-	-	-	10.4	-
	4/8/2004	77.89	<50	<1	<1	<1	<1	<1	2	-	-	-	-	-	-	<10	-
	7/12/2004	77.43	<50	<1	<1	<1	<1	<1	2	-	-	-	-	-	-	<10	-
	11/27/2004	77.89	<50	<1	<1	<1	<1	<1	2	-	-	-	-	-	-	<10	-
	3/25/2005	79.08	<50	<1	<1	<1	<1	<1	6	-	-	-	-	-	-	<10	-
	6/8/2005	77.70	<50	<1.0	<1.0	<1.0	<1.0	<1.0	11	-	-	-	-	-	-	<10	<100
MW-04	10/20/1988	74.53	-	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	1/19/1989	75.04	-	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-
	6/1/1989	74.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/3/1989	74.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Sampled Annually
Sampled Annually
Sampled Annually
Gauge only
Gauge only
Gauge only
Gauge only
Gauge Only
Gauge Only
Gauge Only

Cambria

Table 2.
Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	EPA Method: 8260														Comments	
			TFHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Ethanol (µg/L)				
8/2/1989		74.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/25/1989		74.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/7/1989		74.65	-	0.7	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-
1/5/1990		74.68	-	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-
2/1/1990		74.98	-	0.7	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-
8/9/1990		74.45	-	<0.3	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-
6/28/1991		74.98	390	40	100	10	60	-	-	-	-	-	-	-	-	-	-	-
8/8/1991		-	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
10/8/1991		74.29	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
12/17/1991		74.58	<500	0.9	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
9/14/1992		75.27	<500	6.2	1.4	<0.3	0.9	1.8	-	-	-	-	-	-	-	-	-	-
12/3/1992		75.06	<500	3	3.5	<0.3	1.8	-	-	-	-	-	-	-	-	-	-	-
2/25/1993		77.50	<500	1.2	3.5	0.6	3.7	-	-	-	-	-	-	-	-	-	-	-
4/12/1993		76.83	<500	30	1.8	1.7	6.3	-	-	-	-	-	-	-	-	-	-	-
7/20/1993		74.68	<500	4.2	8.9	0.5	2.7	-	-	-	-	-	-	-	-	-	-	-
11/5/1993		75.07	<500	0.5	0.4	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
2/11/1994		75.22	<500	0.5	0.5	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
6/29/1994		74.91	<500	2.2	4.8	0.6	2.9	-	-	-	-	-	-	-	-	-	-	-
9/20/1994		74.66	<500	<0.3	0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
12/20/1994		74.55	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
3/20/1995		75.91	1300	430	10	34	97	-	-	-	-	-	-	-	-	-	-	-
6/20/1995		76.43	<500	<0.3	<0.3	<0.3	0.8	-	-	-	-	-	-	-	-	-	-	-
9/20/1995		75.70	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
12/4/1995		-	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
3/6/1996		76.15	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
6/11/1996		74.10	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
9/12/1996		74.59	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
12/18/1996		75.46	<500	0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
2/26/1997		75.91	<500	0.4	0.7	<0.3	0.9	-	-	-	-	-	-	-	-	-	-	-
6/5/1997		75.12	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
9/8/1997		74.70	<500	0.6	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
11/13/1997		74.56	100	1.1	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-	-
2/11/1998		76.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/20/1998		77.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/29/1998		76.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cambria

Table 2.

Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above ms)	EPA Method: 8260														Comments		
			TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE (8020/8021) (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Ethanol (µg/L)					
	10/31/1998	76.56	<500	<0.3	<0.3	<0.3	<0.3	<0.6		<10									
	1/25/1999	76.66																	
	6/3/1999	76.38																	
	8/4/1999	76.01																	
	12/1/1999	75.83	<500	<0.3	<0.3	<0.3	<0.3	<0.6		<5									
	2/17/2000	75.99																	
	4/20/2000	76.47																	
	7/2/2000	75.82	<500	<0.3	<0.3	<0.3	<0.3	<0.6		<5									
	10/19/2000	75.62																	
	1/22/2001	76.29																	
	5/3/2001	76.71																	
	8/3/2001	76.21																	
	11/1/2001	76.08	<100	<1	<5	<5	<5	<5		<1									
	2/6/2002	76.07																	
	5/10/2002	76.04																	
	8/8/2002	77.94																	
	1/1/2002	78.23	<100	<1	<5	<5	<5	<5		<1									
	1/27/2003	78.18																	
	4/1/2003	78.90																	
	7/7/2003	78.63																	
	10/7/2003	78.40	<50	<1	<1	<1	<1	<1		<2									
	1/8/2004	78.22																	
	4/8/2004	78.19																	
	7/12/2004	77.69																	
	11/3/2004	78.15	<50	<1	<1	<1	<1	<1		<2									
	3/25/2005	79.50																	
	6/8/2005	78.10	<50	<1.0	<1.0	<1.0	<1.0	<1.0		<2.0									
MW-05	1/19/1989	75.55		<0.3	<0.3	<0.3	<0.3	<0.6											
	6/1/1989	75.27																	
	7/3/1989	75.19																	
	8/2/1989	75.05																	
	10/25/1989	74.97																	
	12/7/1989	75.14		1.1	<0.3	<0.3	<0.3	<0.6											
	1/5/1990	75.17		<0.3	<0.3	<0.3	<0.3	<0.6											

Sampled Annually
Sampled Annually
Sampled Annually

Gauge only
Gauge only
Gauge only

Gauge Only
Gauge Only
Gauge Only

Gauge Only
Gauge Only
Gauge Only

Cambria

Table 2.

Historical Groundwater Analytical Data
Chevron Station 9-3417, 3200J Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Comments
EPA Method:			8260	8260	8260	8260	8260	8260	8020/8021	8260	8260	8260	8260	8260	
	2/1/1990	75.48	-	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	8/9/1990	75.49	-	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	6/28/1991	75.03	390	40	100	10	60	-	-	-	-	-	-	-	-
	10/8/1991	74.29	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	12/17/1991	74.64	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	9/14/1992	75.28	<500	<0.3	0.4	0	<0.6	-	-	-	-	-	-	-	-
	12/3/1992	75.11	<500	6.5	6.2	1.4	2.8	-	-	-	-	-	-	-	-
	2/25/1993	77.59	<500	<0.3	0.4	<0.3	<0.6	-	-	-	-	-	-	-	-
	4/12/1993	76.91	<500	1.2	1.1	<0.3	0.6	-	-	-	-	-	-	-	-
	7/20/1993	75.81	<500	0.6	1	<0.3	0.7	-	-	-	-	-	-	-	-
	11/5/1993	75.15	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	2/1/1994	75.33	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	6/29/1994	75.03	<500	0.8	1.6	<0.3	1	-	-	-	-	-	-	-	-
	9/20/1994	74.60	<500	<0.3	0.5	<0.3	<0.6	-	-	-	-	-	-	-	-
	12/20/1994	74.62	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	3/20/1995	75.98	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	6/20/1995	76.49	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	9/20/1995	76.08	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	12/4/1995	-	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	3/6/1996	76.22	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	6/1/1996	75.51	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	9/12/1996	75.00	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	12/18/1996	75.82	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	2/26/1997	76.32	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	6/5/1997	75.47	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	9/8/1997	75.04	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	11/13/1997	74.93	100	1	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	2/1/1998	76.54	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/20/1998	78.00	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/29/1998	77.22	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/31/1998	76.97	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-
	1/25/1999	77.02	-	-	-	-	-	-	-	-	-	-	-	-	-
	6/3/1999	76.76	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/4/1999	76.37	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/1/1999	76.18	<500	<0.3	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-

Cambria

Table 2.

Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE 8020/8021 (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Comments
	2/17/2000	76.42	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	4/20/2000	76.86	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	7/21/2000	76.20	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	10/19/2000	75.97	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	1/22/2001	76.65	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	5/3/2001	77.09	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	8/3/2001	76.57	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	11/1/2001	76.45	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	2/6/2002	76.45	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	5/10/2002	76.39	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	8/8/2002	78.43	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	11/13/2002	78.65	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	1/27/2003	78.61	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	4/11/2003	79.39	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	7/7/2003	79.12	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	10/7/2003	78.88	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	1/8/2004	78.67	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	4/8/2004	78.69	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	7/12/2004	78.18	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	11/3/2004	78.65	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	3/25/2005	80.53	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	6/8/2005	78.67	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	1/19/1989	74.66	<500	0.4	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	6/1/1989	74.35	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	7/3/1989	74.30	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	8/2/1989	74.16	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	9/8/1989	74.07	<500	815	60	70	0.7	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	10/25/1989	74.07	<500	160	<0.3	14	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	12/7/1989	74.28	<500	<0.3	<0.3	<0.3	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	1/5/1990	74.59	<500	0.8	<0.3	4	<0.6	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	2/1/1990	73.83	<500	200	8.4	16	91	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	8/9/1990	72.27	<500	55,780	9,710	6,800	7,230	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	6/28/1991	72.27	<500	475.5	26	40.6	15	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	
	8/8/1991	72.27	<500	475.5	26	40.6	15	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<100	

Cambria

Table 2.
Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	EPA Method: 8260													Comments	
			TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE (µg/L)	ETBE (µg/L)	DPE (µg/L)	TAME (µg/L)	TBA (µg/L)	Ethanol (µg/L)			
	10/8/1991	73.63	<500	39.4	2.9	2.8	1.6	1.6	8260	8260	8020/8021	8260	8260	8260	8260	8260	
	12/17/1991	75.00	190	43	27	6	17	17	8260	8260	8260	8260	8260	8260	8260	8260	
	9/14/1992	74.60	2,200	1,400	25	320	40	40	8260	8260	8260	8260	8260	8260	8260	8260	
	12/3/1992	74.36	1,100	210	20	73	26	26	8260	8260	8260	8260	8260	8260	8260	8260	
	2/25/1993	76.84	4,900	610	510	190	510	510	8260	8260	8260	8260	8260	8260	8260	8260	
	4/12/1993	76.17	6,000	2,000	310	580	440	440	8260	8260	8260	8260	8260	8260	8260	8260	
	7/20/1993	75.03	5,800	850	91	280	90	90	8260	8260	8260	8260	8260	8260	8260	8260	
	1/5/1993	74.30	650	85	9	96	15	15	8260	8260	8260	8260	8260	8260	8260	8260	
	2/1/1994	—	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	6/29/1994	74.29	650	170	8.7	40	46	46	8260	8260	8260	8260	8260	8260	8260	8260	
	9/20/1994	73.97	<500	33	3.2	9.6	21	21	8260	8260	8260	8260	8260	8260	8260	8260	
	12/20/1994	73.94	<500	17	1.2	8.9	26	26	8260	8260	8260	8260	8260	8260	8260	8260	
	3/20/1995	75.34	16,000	1,700	1,000	1,600	3,800	3,800	8260	8260	8260	8260	8260	8260	8260	8260	
	6/20/1995	75.66	1,150	61	61	76	210	210	8260	8260	8260	8260	8260	8260	8260	8260	
	9/20/1995	74.95	1,200	95	24	81	300	300	8260	8260	8260	8260	8260	8260	8260	8260	
	12/4/1995	—	1,200	69	6.3	74	280	280	8260	8260	8260	8260	8260	8260	8260	8260	
	3/6/1996	75.12	4,100	250	1,100	180	1,000	1,000	8260	8260	8260	8260	8260	8260	8260	8260	
	6/11/1996	73.24	2,600	450	<0.3	390	590	590	8260	8260	8260	8260	8260	8260	8260	8260	
	9/12/1996	73.72	70	7.7	6.5	2.7	1.5	1.5	8260	8260	8260	8260	8260	8260	8260	8260	
	12/18/1996	74.61	70	12	1.1	8.1	3.1	3.1	8260	8260	8260	8260	8260	8260	8260	8260	
	2/26/1997	75.10	530	21	3	40	29	29	8260	8260	8260	8260	8260	8260	8260	8260	
	6/5/1997	—	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	9/8/1997	74.40	1,900	100	16	30	35	35	8260	8260	8260	8260	8260	8260	8260	8260	
	11/13/1997	74.28	330	27	5.1	6	16	16	8260	8260	8260	8260	8260	8260	8260	8260	
	2/1/1998	—	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	4/20/1998	—	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	7/29/1998	—	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	10/31/1998	75.64	3,630	103	3.8	69	219	219	8260	8260	8260	8260	8260	8260	8260	8260	Well abandoned
MW-07	1/19/1989	74.61	—	<0.3	<0.3	<0.3	<0.6	<0.6	8260	8260	8260	8260	8260	8260	8260	8260	
	6/1/1989	74.30	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	7/3/1989	74.23	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	8/2/1989	74.10	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	10/25/1989	74.01	—	—	—	—	—	—	8260	8260	8260	8260	8260	8260	8260	8260	
	12/7/1989	74.18	—	28	4.3	1.6	1.2	1.2	8260	8260	8260	8260	8260	8260	8260	8260	

Table 2.
Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	EPA Method: 8260										Comments				
			TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE 8020/8021 (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)		TBA (µg/L)	Ethanol (µg/L)		
	1/5/1990	74.22	-	16	0.7	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-
	2/1/1990	74.54	-	120	10	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-
	8/9/1990	73.80	-	190	1.5	1.4	<0.6	-	-	-	-	-	-	-	-	-	-
	6/28/1991	74.30	17,430	9,650	220	540	210	-	-	-	-	-	-	-	-	-	-
	10/8/1991	73.61	4,146	2,417.80	1.6	130.5	<0.6	-	-	-	-	-	-	-	-	-	-
	12/17/1991	73.96	11,500	5,300	1	64	<0.6	-	-	-	-	-	-	-	-	-	-
	9/14/1992	74.56	2,200	1,800	8	150	7	-	-	-	-	-	-	-	-	-	-
	12/3/1992	74.37	3,900	1,700	26	190	29	-	-	-	-	-	-	-	-	-	-
	2/25/1993	76.86	<500	180	<0.3	22	<0.6	-	-	-	-	-	-	-	-	-	-
	4/12/1993	76.16	2,400	1,200	66	140	60	-	-	-	-	-	-	-	-	-	-
	7/20/1993	75.00	4,100	840	170	90	48	-	-	-	-	-	-	-	-	-	-
	11/5/1993	74.35	1,800	700	110	93	120	-	-	-	-	-	-	-	-	-	-
	2/1/1/1994	74.56	630	290	33	40	59	-	-	-	-	-	-	-	-	-	-
	6/29/1994	74.25	2,400	1,100	130	160	260	-	-	-	-	-	-	-	-	-	-
	9/20/1994	74.00	<500	0.4	<0.3	1.1	9.7	-	-	-	-	-	-	-	-	-	-
	12/20/1994	73.90	<500	130	11	26	40	-	-	-	-	-	-	-	-	-	-
	3/20/1995	76.30	<500	220	11	34	38	-	-	-	-	-	-	-	-	-	-
	6/20/1995	75.66	<500	170	11	27	22	-	-	-	-	-	-	-	-	-	-
	9/20/1995	74.75	400	100	6.3	15	25	-	-	-	-	-	-	-	-	-	-
	12/4/1995	-	350	75	4.3	8.1	25	-	-	-	-	-	-	-	-	-	-
	3/6/1996	75.24	64	29	2.8	4.8	7.9	-	-	-	-	-	-	-	-	-	-
	6/1/1996	74.46	170	71	3	11	22	-	-	-	-	-	-	-	-	-	-
	9/12/1996	74.02	250	150	4.4	6.5	23	-	-	-	-	-	-	-	-	-	-
	12/18/1996	74.87	310	190	3.6	5.4	28	-	-	-	-	-	-	-	-	-	-
	2/26/1997	75.34	950	180	9.6	23	73	-	-	-	-	-	-	-	-	-	-
	2/26/1997	75.34	1,200	230	17	25	95	-	-	-	-	-	-	-	-	-	-
	6/5/1997	74.51	140	32	1.4	1	13	-	-	-	-	-	-	-	-	-	-
	9/8/1997	74.14	12,000	1,700	32	54	1300	-	-	-	-	-	-	-	-	-	-
	11/13/1997	74.00	3,200	1,100	20	7.2	420	-	-	-	-	-	-	-	-	-	-
	2/1/1/1998	75.50	<500	11	0.84	0.62	8.9	-	-	-	-	-	-	-	-	-	-
	4/20/1998	76.94	220	52	2	6.9	17	-	-	-	-	-	-	-	-	-	-
	7/29/1998	76.16	160	37	<0.3	1	7.1	-	-	-	-	-	-	-	-	-	-
	10/31/1998	75.93	<500	80	4.8	2.1	45.6	-	-	-	-	-	-	-	-	-	-
	1/25/1999	76.02	<1,000	<0.6	1.3	<0.6	5.1	-	-	-	-	-	-	-	-	-	-
	6/3/1999	75.77	188 J	6.6	<0.3	<0.3	<0.6	-	-	-	-	-	-	-	-	-	-

Table 2.
Historical Groundwater Analytical Data
Chevron Station 9-3417, 32001 Camino Capistrano, California

Well ID	Date Sampled	Groundwater Elevation (feet above msl)	EPA Method: 8260										Comments				
			TPHG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	MTBE 8020/8021 (µg/L)	ETBE (µg/L)	DIPE (µg/L)	TAME (µg/L)		TBA (µg/L)	Ethanol (µg/L)		
	8/4/1999	75.42	<500	<0.3	<0.3	<0.3	<0.3	<0.6	—	40	—	—	—	—	—	—	—
	12/1/1999	75.25	76 J	3	<0.3	<0.3	<0.3	<0.6	—	76	—	—	—	—	—	—	—
	2/17/2000	75.40	103 J	6	<0.3	<0.3	<0.3	<0.6	—	103	—	—	—	—	—	—	—
	4/20/2000	75.88	<500	5	1	<0.3	<0.3	2	—	27	—	—	—	—	—	—	—
	7/21/2000	74.22	<500	11	1	1	1	8	—	48	—	—	—	—	—	—	—
	10/19/2000	75.03	133 J	<5	<5	<5	<5	<5	3.9	—	—	—	—	—	—	—	<20
	1/22/2001	75.71	<100	<5	<5	<5	<5	<5	16	—	—	—	—	—	—	—	<20
	5/3/2001	76.08	71 J	<5	<5	<5	<5	<5	74	—	—	—	—	—	—	—	<10
	8/3/2001	75.61	<100	<5	<5	<5	<5	<5	40	—	—	—	—	—	—	—	<10
	11/1/2001	75.49	<100	<5	<5	<5	<5	<5	<1	—	—	—	—	—	—	—	40
	2/6/2002	75.47	<100	<1	<1	<1	<1	<1	46	—	—	—	—	—	—	—	71
	5/10/2002	75.46	<100	<1	<1	<1	<1	<1	22	—	—	—	—	—	—	—	<10
	8/8/2002	77.46	139	4.1	<5	<5	<5	<5	42	—	—	—	—	—	—	—	44
	11/13/2002	77.76	<100	<1	<1	<1	<1	<1	39	—	—	—	—	—	—	—	31
	1/27/2003	77.82	130	<1	<1	<1	<1	<1	38	—	—	—	—	—	—	—	60
	4/11/2003	78.42	<50	3.7 J	<1	<1	<1	<1	26	—	—	—	—	—	—	—	45
	7/7/2003	78.13	<50	2.4 J	<1	<1	<1	<1	27	—	—	—	—	—	—	—	43
	10/7/2003	77.94	<50	<1	<1	<1	<1	<1	33	—	—	—	—	—	—	—	<10
	1/8/2004	77.76	<50	<1	<1	<1	<1	<1	16	—	—	—	—	—	—	—	10 J
	4/8/2004	77.70	<50	2.0 J	<1	<1	<1	<1	11	—	—	—	—	—	—	—	45
	7/12/2004	77.18	<50	<1	<1	<1	<1	<1	6.2	—	—	—	—	—	—	—	<10
	11/3/2004	77.67	<50	<1	<1	<1	<1	<1	3.5 J	—	—	—	—	—	—	—	<10
	3/25/2005	78.96	<50	6.8	<1	<1	<1	2.1 J	2.5 J	—	—	—	—	—	—	—	33
	6/8/2005	77.56	530	150	2.1 J	6.5 J	6.5 J	39	11	—	—	—	—	—	—	—	<200
MW-08	6/1/1989	74.65	—	2	4	49	<0.6	—	—	—	—	—	—	—	—	—	—
	7/3/1989	74.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/2/1989	74.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	9/8/1989	—	—	70	20	<0.3	<0.6	—	—	—	—	—	—	—	—	—	—
	10/25/1989	74.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12/7/1989	74.52	—	1	1.1	4.8	<0.6	—	—	—	—	—	—	—	—	—	—	
1/5/1990	74.55	—	80	20	<0.3	<0.6	—	—	—	—	—	—	—	—	—	—	
2/1/1990	74.87	—	27	5	4	<0.6	—	—	—	—	—	—	—	—	—	—	
8/9/1990	74.16	—	0.6	<0.3	15	6	—	—	—	—	—	—	—	—	—	—	
6/28/1991	72.67	130,900	33,480	26,170	2,370	11,160	—	—	—	—	—	—	—	—	—	—	—